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OM nucleic - nucleic search, using sw model

Run on: March 1, 2004, 15:29:09 ; Search time 16 Seconds
(without alignments)
3.228 Million cell updates/sec

Title: us-09-695-451-1
Perfect score: 2161
Sequence: 1 cggccagtgatctgaacc.....tacactaaattctgaagt 2161

Scoring table: IDENTITY NUC
Gapop 10.0 , Gapext 0.5

Searched: 758 seqs, 11950 residues

Total number of hits satisfying chosen parameters: 1516

Minimum DB seq length: 8
Maximum DB seq length: 80

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 855 summaries

Database : rni.seq*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query		DB ID	Description
		Match	Length		
C 1	21	1.0	21	1	US-08-804-166-19
C 2	21	1.0	21	1	US-08-910-991-19
C 3	21	1.0	21	1	US-09-756-186-19
C 4	20.8	1.0	24	1	US-08-529-190B-7
C 5	20	0.9	28	1	US-08-747-562-2
C 6	19.2	0.9	24	1	US-08-529-190B-10
C 7	18.8	0.9	24	1	US-08-529-190B-16
C 8	18.2	0.8	25	1	US-08-403-888A-33
C 9	18.2	0.8	25	1	US-08-403-888A-34
C 10	18	0.8	18	1	US-08-192-102-15
C 11	18	0.8	18	1	US-08-324-799-15
C 12	18	0.8	18	1	US-08-192-861A-15
C 13	18	0.8	18	1	US-09-106-038A-47
C 14	18	0.8	18	1	US-09-106-038A-48
C 15	18	0.8	18	1	US-09-106-038A-49
C 16	18	0.8	18	1	US-09-106-038A-50
C 17	18	0.8	18	1	US-09-106-038A-51
C 18	18	0.8	18	1	US-09-106-038A-52
C 19	18	0.8	18	1	US-09-106-038A-53
C 20	18	0.8	18	1	US-09-106-038A-54
C 21	18	0.8	18	1	US-09-106-038A-55
C 22	18	0.8	18	1	US-09-106-038A-56
C 23	18	0.8	18	1	US-09-106-038A-57
C 24	18	0.8	18	1	US-09-106-038A-58
C 25	18	0.8	18	1	US-09-106-038A-59
C 26	18	0.8	18	1	US-09-106-038A-60
C 27	18	0.8	18	1	US-09-106-038A-61
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C 31	18	0.8	18	1	US-09-106-038A-65
C 32	18	0.8	18	1	US-09-106-038A-66
C 33	18	0.8	18	1	US-09-106-038A-67

C 34	18	0.8	18	1	US-09-106-038A-68
C 35	18	0.8	18	1	US-09-106-038A-69
C 36	18	0.8	18	1	US-09-106-038A-70
C 37	18	0.8	18	1	US-09-133-119-15
C 38	18	0.8	18	1	US-08-192-093A-15
C 39	18	0.8	18	1	US-09-106-038A-24
C 40	18	0.8	18	1	US-08-597-610-11
C 41	18	0.8	18	1	US-08-349-357-11
C 42	17.8	0.8	23	1	US-08-474-542A-150
C 43	17.8	0.8	23	1	US-08-474-542A-151
C 44	17.8	0.8	23	1	US-08-457-648-150
C 45	17.8	0.8	23	1	US-08-457-648-151
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C 47	17.2	0.8	22	1	US-08-403-888A-36
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C 52	17.2	0.8	24	1	US-08-529-190B-5
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C 54	17.2	0.8	24	1	US-08-403-888A-35
C 55	17.2	0.8	24	1	US-08-403-888A-43
C 56	17.2	0.8	24	1	US-08-403-888A-109
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C 58	17.2	0.8	24	1	US-08-729-598-3
C 59	17.2	0.8	24	1	US-08-819-867-29
C 60	17.2	0.8	24	1	US-08-819-867-32
C 61	17.2	0.8	24	1	US-08-819-867-34
C 62	17.2	0.8	24	1	US-09-378-535-29
C 63	17.2	0.8	24	1	US-09-378-535-32
C 64	17.2	0.8	24	1	US-09-378-535-34
C 65	17.2	0.8	24	1	PCT-US94-02471-52
C 66	15.4	0.7	17	1	US-08-584-040-7257
C 67	15.4	0.7	17	1	US-09-371-722B-3066
C 68	15.4	0.7	18	1	US-08-485-942A-45
C 69	15.4	0.7	18	1	US-08-488-214A-45
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C 71	15.4	0.7	18	1	US-08-483-211A-45
C 72	15.4	0.7	18	1	US-08-488-223A-45
C 73	15.4	0.7	18	1	US-08-438-431A-45
C 74	15.4	0.7	18	1	US-08-488-225A-45
C 75	15.4	0.7	20	1	US-08-031-147A-55
C 76	15.4	0.7	20	1	US-08-403-888A-37
C 77	15.4	0.7	20	1	US-08-403-888A-45
C 78	15.4	0.7	20	1	US-08-403-888A-114
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C 80	15.4	0.7	20	1	PCT-US94-02471-55
C 81	15.2	0.7	21	1	US-09-422-978-8726
C 82	15	0.7	15	1	US-09-180-437-105
C 83	14.8	0.7	18	1	US-08-482-115B-37
C 84	14.8	0.7	18	1	US-08-472-802C-36
C 85	14.8	0.7	18	1	US-08-954-210-6
C 86	14.8	0.7	18	1	US-09-431-419A-6
C 87	14.8	0.7	18	1	US-09-057-351-36
C 88	14.8	0.7	20	1	US-09-226-013-62
C 89	14.8	0.7	20	1	US-09-517-467B-308
C 90	14.8	0.7	21	1	US-08-397-220B-7
C 91	14.8	0.7	21	1	US-09-417-823-24
C 92	14.8	0.7	21	1	US-08-650-093C-7
C 93	14.8	0.7	21	1	US-08-823-895A-7
C 94	14.4	0.7	16	1	US-08-031-147A-56
C 95	14.4	0.7	16	1	US-08-403-888A-39
C 96	14.4	0.7	16	1	US-08-403-888A-55
C 97	14.4	0.7	16	1	PCT-US94-02471-56
C 98	14.4	0.7	16	1	US-08-031-147A-57
C 99	14.4	0.7	18	1	US-08-482-115B-36
C 100	14.4	0.7	18	1	US-08-403-888A-38
C 101	14.4	0.7	18	1	US-08-403-888A-54
C 102	14.4	0.7	18	1	US-08-403-888A-111
C 103	14.4	0.7	18	1	US-08-472-802C-35
C 104	14.4	0.7	18	1	US-09-214-178-9
C 105	14.4	0.7	18	1	US-09-057-351-35
C 106	14.4	0.7	18	1	

C 107	14.4	0.7	18	1	PCT-US94-02471-57	Sequence 57, Appl	C 180	12.8	0.6	17	1	US-09-476-387-677	Sequence 677, App
C 108	14.4	0.7	19	1	US-09-165-264-10	Sequence 10, Appl	C 181	12.8	0.6	17	1	US-09-476-387-680	Sequence 680, App
C 109	14.4	0.7	20	1	US-09-904-901-134	Sequence 134, App	C 182	12.8	0.6	17	1	US-09-401-063-262	Sequence 262, App
C 110	14.4	0.7	20	1	US-09-249-730-134	Sequence 134, App	C 183	12.8	0.6	17	1	US-09-866-108A-970	Sequence 970, App
C 111	14.4	0.7	20	1	US-09-513-729B-54	Sequence 54, Appl	C 184	12.8	0.6	17	1	US-09-866-108A-2782	Sequence 2782, App
C 112	14.4	0.7	20	1	US-09-249-247-134	Sequence 134, App	C 185	12.8	0.6	17	1	US-09-866-108A-2783	Sequence 2783, App
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C 114	14.2	0.7	20	1	US-08-709-368-1	Sequence 1, Appl	C 187	12.8	0.6	18	1	US-08-239-431A-8	Sequence 8, Appl
C 115	14.2	0.7	20	1	US-09-657-042A-75	Sequence 75, Appl	C 188	12.8	0.6	18	1	US-08-435-628-2243	Sequence 2243, App
C 116	14.2	0.7	20	1	US-09-422-978-7116	Sequence 7116, App	C 189	12.8	0.6	18	1	US-09-205-144-36	Sequence 36, Appl
C 117	14.2	0.7	20	1	US-09-198-452A-2388	Sequence 2388, App	C 190	12.8	0.6	18	1	US-09-205-860-47	Sequence 47, Appl
C 118	14.2	0.7	20	1	US-09-198-452A-4651	Sequence 4651, App	C 191	12.8	0.6	18	1	US-09-937-580-9	Sequence 9, Appl
C 119	14.2	0.7	20	1	US-09-198-452A-5845	Sequence 5845, App	C 192	12.8	0.6	18	1	US-09-071-433-35	Sequence 35, Appl
C 120	14.2	0.7	20	1	US-09-742-373-4	Sequence 4, Appl	C 193	12.8	0.6	18	1	US-09-336-033-9	Sequence 9, Appl
C 121	14.2	0.7	20	1	US-09-081-385-31	Sequence 31, Appl	C 194	12.8	0.6	18	1	US-09-236-097-9	Sequence 9, Appl
C 122	13.8	0.6	17	1	US-08-985-162-61	Sequence 61, Appl	C 195	12.8	0.6	18	1	US-09-267-423-8	Sequence 8, Appl
C 123	13.8	0.6	17	1	US-09-474-432B-677	Sequence 677, App	C 196	12.8	0.6	18	1	US-09-422-978-4256	Sequence 4256, App
C 124	13.8	0.6	17	1	US-09-476-387-676	Sequence 676, App	C 197	12.8	0.6	18	1	US-09-422-978-9785	Sequence 9785, App
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C 126	13.8	0.6	17	1	US-09-866-108A-971	Sequence 971, App	C 199	12.4	0.6	14	1	US-08-646-789A-42	Sequence 42, Appl
C 127	13.8	0.6	17	1	US-09-866-108A-972	Sequence 972, App	C 200	12.4	0.6	14	1	US-09-230-652-20	Sequence 20, Appl
C 128	13.8	0.6	17	1	US-08-577-081A-67	Sequence 67, Appl	C 201	12.4	0.6	15	1	US-08-237-233-4	Sequence 4, Appl
C 129	13.8	0.6	18	1	PCT-US93-12600-5	Sequence 5, Appl	C 202	12.4	0.6	15	1	US-08-182-968A-14	Sequence 14, Appl
C 130	13.4	0.6	17	1	US-09-866-108A-973	Sequence 973, App	C 203	12.4	0.6	15	1	US-08-774-306A-14	Sequence 14, Appl
C 131	13.4	0.6	17	1	US-09-866-108A-974	Sequence 974, App	C 204	12.4	0.6	15	1	US-09-064-156A-14	Sequence 14, Appl
C 132	13.4	0.6	18	1	US-09-205-204-18	Sequence 18, Appl	C 205	12.4	0.6	15	1	US-08-918-148-42	Sequence 42, Appl
C 133	13.4	0.6	18	1	US-09-422-978-5085	Sequence 5085, App	C 206	12.4	0.6	15	1	US-09-400-502-21	Sequence 21, Appl
C 134	13.4	0.6	19	1	US-09-357-740-9	Sequence 9, Appl	C 207	12.4	0.6	15	1	US-09-400-502-22	Sequence 22, Appl
C 135	13.4	0.6	19	1	US-09-422-978-7262	Sequence 7262, App	C 208	12.4	0.6	15	1	US-08-506-378-1	Sequence 1, Appl
C 136	13.4	0.6	19	1	PCT-US91-03680-1	Sequence 1, Appl	C 209	12.4	0.6	15	1	US-09-717-423-1	Sequence 1, Appl
C 137	13.2	0.6	18	1	US-09-213-767-24	Sequence 24, Appl	C 210	12.4	0.6	15	1	5214136-12	Patent No. 5214136
C 138	13.2	0.6	18	1	US-09-135-021-72	Sequence 72, Appl	C 211	12.4	0.6	17	1	US-08-985-162-60	Sequence 60, Appl
C 139	13.2	0.6	18	1	US-09-071-433-26	Sequence 26, Appl	C 212	12.4	0.6	17	1	US-09-021-701-40	Sequence 40, Appl
C 140	13.2	0.6	18	1	US-09-135-030-74	Sequence 74, Appl	C 213	12.4	0.6	17	1	US-09-021-701-41	Sequence 41, Appl
C 141	13.2	0.6	18	1	US-09-135-010A-74	Sequence 74, Appl	C 214	12.4	0.6	17	1	US-09-021-701-42	Sequence 42, Appl
C 142	13.2	0.6	18	1	US-09-444-871-74	Sequence 74, Appl	C 215	12.4	0.6	17	1	US-09-021-701-43	Sequence 43, Appl
C 143	13.2	0.6	18	1	US-09-597-735-74	Sequence 74, Appl	C 216	12.4	0.6	17	1	US-09-282-146-4	Sequence 4, Appl
C 144	13.2	0.6	18	1	US-09-444-285-74	Sequence 74, Appl	C 217	12.4	0.6	17	1	US-08-584-040-1757	Sequence 1757, App
C 145	13.2	0.6	18	1	US-09-597-732-74	Sequence 74, Appl	C 218	12.4	0.6	17	1	US-08-584-040-17987	Sequence 17987, App
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C 149	13.2	0.6	18	1	US-09-597-731-31	Sequence 31, Appl	C 222	12.4	0.6	17	1	US-09-050-861B-35	Sequence 35, Appl
C 150	13.2	0.6	18	1	US-09-622-166A-31	Sequence 31, Appl	C 223	12.4	0.6	17	1	US-09-371-772B-302	Sequence 302, Appl
C 151	13	0.6	15	1	US-08-585-684B-616	Sequence 616, App	C 224	12.4	0.6	17	1	US-09-371-772B-3770	Sequence 3770, App
C 152	13	0.6	15	1	US-08-585-684B-617	Sequence 617, App	C 225	12.4	0.6	17	1	US-09-371-772B-6349	Sequence 6349, App
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C 156	13	0.6	15	1	US-09-038-073-618	Sequence 618, App	C 229	12.4	0.6	17	1	US-09-476-387-400	Sequence 400, App
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C 159	13	0.6	17	1	US-08-435-628-1020	Sequence 1020, App	C 232	12.4	0.6	17	1	US-09-866-108A-975	Sequence 975, App
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C 165	12.8	0.6	16	1	US-08-282-197C-20	Sequence 20, Appl	C 238	12.2	0.6	17	1	US-08-782-047-9	Sequence 9, Appl
C 166	12.8	0.6	17	1	US-08-293-620A-1699	Sequence 1699, App	C 239	12.2	0.6	17	1	US-08-782-047-27	Sequence 27, Appl
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C 170	12.8	0.6	17	1	US-08-985-162-262	Sequence 262, App	C 243	12.2	0.6	17	1	US-08-173-489C-96	Sequence 96, Appl
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C 177	12.8	0.6	17	1	US-09-474-432B-681	Sequence 681, App	C 250	12.2	0.6	17	1	US-08-924-870A-9	Sequence 9, Appl
C 178	12.8	0.6	17	1	US-09-371-772B-2820	Sequence 2820, App	C 251	12.2	0.6	17	1	US-08-924-870A-27	Sequence 27, Appl
C 179	12.8	0.6	17	1	US-09-371-772B-6952	Sequence 6952, App	C 252	12.2	0.6	17	1		

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254	12.2	0.6	17	1	US-08-584-040-7413	Sequence 7413, Ap	C 327	11.8	0.5	15	1	US-09-064-156A-315	Sequence 315, App
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257	12.2	0.6	17	1	US-09-220-510B-1	Sequence 1, Appli	C 330	11.8	0.5	15	1	US-09-081-646-245	Sequence 245, App
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259	12.2	0.6	17	1	US-09-474-432B-874	Sequence 874, App	C 332	11.8	0.5	15	1	US-09-474-432B-128	Sequence 128, App
260	12.2	0.6	17	1	US-09-371-772B-2763	Sequence 2763, Ap	C 333	11.8	0.5	15	1	US-09-378-535-68	Sequence 68, Appl
261	12.2	0.6	17	1	US-09-371-772B-3220	Sequence 3220, Ap	C 334	11.8	0.5	15	1	US-09-476-387-128	Sequence 128, App
262	12.2	0.6	17	1	US-09-371-772B-4237	Sequence 4237, Ap	C 335	11.8	0.5	15	1	US-09-180-437-117	Sequence 117, App
263	12.2	0.6	17	1	US-09-371-772B-4970	Sequence 4970, Ap	C 336	11.8	0.5	15	1	US-09-180-437-177	Sequence 177, App
264	12.2	0.6	17	1	US-09-371-772B-5211	Sequence 5211, Ap	C 337	11.8	0.5	16	1	US-08-753-147-174	Sequence 174, App
265	12.2	0.6	17	1	US-09-371-772B-5457	Sequence 5457, Ap	C 338	11.8	0.5	16	1	US-09-050-159-9	Sequence 9, Appli
266	12.2	0.6	17	1	US-09-371-772B-5632	Sequence 5632, Ap	C 339	11.8	0.5	16	1	US-09-479-005A-303	Sequence 303, App
267	12.2	0.6	17	1	US-09-371-772B-6552	Sequence 6552, Ap	C 340	11.8	0.5	16	1	PCT-US91-03680-98	Sequence 98, Appl
268	12.2	0.6	17	1	US-09-371-772B-6891	Sequence 6891, Ap	C 341	11.8	0.5	17	1	US-09-866-108A-8355	Sequence 8355, Ap
269	12.2	0.6	17	1	US-09-371-772B-6892	Sequence 6892, Ap	C 342	11.6	0.5	18	1	US-09-236-097-9	Sequence 9, Appli
270	12.2	0.6	17	1	US-09-476-387-520	Sequence 520, App	C 343	11.6	0.5	21	1	US-08-804-166-19	Sequence 19, Appl
271	12.2	0.6	17	1	US-09-476-387-873	Sequence 873, App	C 344	11.6	0.5	21	1	US-08-910-931-19	Sequence 19, Appl
272	12.2	0.6	17	1	US-09-401-063-420	Sequence 420, App	C 345	11.6	0.5	21	1	US-09-756-186-19	Sequence 19, Appl
273	12.2	0.6	17	1	US-09-827-998-467	Sequence 467, App	C 346	11.6	0.5	24	1	US-08-529-190B-10	Sequence 10, Appl
274	12.2	0.6	17	1	US-09-866-108A-308	Sequence 308, App	C 347	11.4	0.5	13	1	US-08-233-030-7	Sequence 7, Appli
275	12.2	0.6	17	1	US-09-866-108A-1180	Sequence 1180, Ap	C 348	11.4	0.5	14	1	US-08-237-233-6	Sequence 6, Appli
276	12.2	0.6	17	1	US-09-866-108A-2033	Sequence 2033, Ap	C 349	11.4	0.5	14	1	US-08-237-233-6	Sequence 6, Appli
277	12.2	0.6	17	1	US-09-866-108A-2034	Sequence 2034, Ap	C 350	11.4	0.5	14	1	US-08-442-513A-15	Sequence 15, Appl
278	12.2	0.6	17	1	US-09-866-108A-2880	Sequence 2688, Ap	C 351	11.4	0.5	14	1	US-08-683-839B-15	Sequence 15, Appl
279	12.2	0.6	17	1	US-09-866-108A-6062	Sequence 6062, Ap	C 352	11.4	0.5	14	1	US-08-403-888A-40	Sequence 40, Appl
280	12.2	0.6	17	1	US-09-866-108A-8395	Sequence 8395, Ap	C 353	11.4	0.5	14	1	US-08-403-888A-56	Sequence 56, Appl
281	12.2	0.6	17	1	US-09-866-108A-8398	Sequence 8398, Ap	C 354	11.4	0.5	14	1	US-08-403-888A-115	Sequence 115, App
282	12.2	0.6	17	1	US-09-866-108A-10588	Sequence 10588, A	C 355	11.4	0.5	14	1	US-08-535-249-102	Sequence 102, App
283	12.2	0.6	20	1	US-09-657-042A-75	Sequence 75, Appl	C 356	11.4	0.5	14	1	5214136-8	Patent No. 5214136
284	12	0.6	15	1	US-08-585-684B-619	Sequence 619, App	C 357	11.4	0.5	14	1	5214136-11	Patent No. 5214136
285	12	0.6	15	1	US-09-038-073-619	Sequence 619, App	C 358	11.4	0.5	14	1	5214136-16	Patent No. 5214136
286	12	0.6	15	1	US-08-584-040-8450	Sequence 8450, Ap	C 359	11.4	0.5	14	1	5486603-1	Patent No. 5486603
287	12	0.6	15	1	US-09-371-772B-1406	Sequence 1406, Ap	C 360	11.4	0.5	14	1	5486603-2	Patent No. 5486603
288	12	0.6	15	1	US-08-311-486C-610	Sequence 610, App	C 361	11.4	0.5	15	1	US-08-140-797-3	Sequence 3, Appli
289	12	0.6	16	1	US-09-371-772B-5670	Sequence 5670, Ap	C 362	11.4	0.5	15	1	US-08-311-760A-78	Sequence 78, Appl
290	12	0.6	17	1	US-08-861-096A-12	Sequence 12, Appl	C 363	11.4	0.5	15	1	US-08-291-932A-224	Sequence 224, App
291	12	0.6	17	1	US-08-861-096A-29	Sequence 29, Appl	C 364	11.4	0.5	15	1	US-08-486-670A-3	Sequence 3, Appli
292	12	0.6	17	1	US-08-584-040-1499	Sequence 1499, Ap	C 365	11.4	0.5	15	1	US-08-363-240A-559	Sequence 559, App
293	12	0.6	17	1	US-08-584-040-1500	Sequence 1500, Ap	C 366	11.4	0.5	15	1	US-08-591-989-7	Sequence 7, Appli
294	12	0.6	17	1	US-08-584-040-1501	Sequence 1501, Ap	C 367	11.4	0.5	15	1	US-08-292-620A-83	Sequence 83, Appl
295	12	0.6	17	1	US-08-584-040-1969	Sequence 1969, Ap	C 368	11.4	0.5	15	1	US-08-585-684B-19	Sequence 19, Appl
296	12	0.6	17	1	US-08-584-040-1970	Sequence 1970, Ap	C 369	11.4	0.5	15	1	US-08-774-310-77	Sequence 77, Appl
297	12	0.6	17	1	US-08-584-040-1971	Sequence 1971, Ap	C 370	11.4	0.5	15	1	US-08-774-310-78	Sequence 78, Appl
298	12	0.6	17	1	US-09-371-772B-44	Sequence 44, Appl	C 371	11.4	0.5	15	1	US-08-477-553A-3	Sequence 3, Appli
299	12	0.6	17	1	US-09-371-772B-45	Sequence 45, Appl	C 372	11.4	0.5	15	1	US-08-477-553A-6	Sequence 6, Appli
300	12	0.6	17	1	US-09-371-772B-46	Sequence 46, Appl	C 373	11.4	0.5	15	1	US-09-289-747-8	Sequence 8, Appli
301	12	0.6	17	1	US-09-371-772B-514	Sequence 514, App	C 374	11.4	0.5	15	1	US-09-071-845-83	Sequence 83, Appl
302	12	0.6	17	1	US-09-371-772B-515	Sequence 515, App	C 375	11.4	0.5	15	1	US-08-929-856-57	Sequence 57, Appl
303	12	0.6	17	1	US-09-371-772B-516	Sequence 516, App	C 376	11.4	0.5	15	1	US-09-503-804-8	Sequence 8, Appli
304	12	0.6	17	1	US-09-371-772B-4244	Sequence 4244, Ap	C 377	11.4	0.5	15	1	US-09-038-073-19	Sequence 19, Appl
305	12	0.6	17	1	US-09-371-772B-4813	Sequence 4813, Ap	C 378	11.4	0.5	15	1	US-09-081-646-842	Sequence 842, App
306	12	0.6	17	1	US-09-371-772B-4814	Sequence 4814, Ap	C 379	11.4	0.5	15	1	US-08-584-040-8433	Sequence 8433, Ap
307	12	0.6	17	1	US-09-866-108A-303	Sequence 303, App	C 380	11.4	0.5	15	1	US-08-669-656A-29	Sequence 29, Appl
308	12	0.6	17	1	US-09-866-108A-304	Sequence 304, App	C 381	11.4	0.5	15	1	US-09-371-772B-4089	Sequence 4089, Ap
309	12	0.6	17	1	US-09-866-108A-305	Sequence 305, App	C 382	11.4	0.5	15	1	Sequence 15, Appl	APPLICANT: LIN
310	12	0.6	17	1	US-09-866-108A-306	Sequence 306, App	C 383	11.4	0.5	15	1	5214136-1	Patent No. 5214136
311	12	0.6	17	1	US-09-866-108A-307	Sequence 307, App	C 384	11.4	0.5	15	1	5214136-4	Patent No. 5214136
312	12	0.6	18	1	US-09-106-038A-62	Sequence 62, Appl	C 385	11.4	0.5	15	1	5214136-17	Patent No. 5214136
313	12	0.6	24	1	US-08-529-190B-16	Sequence 16, Appl	C 386	11.4	0.5	15	1	5214136-18	Patent No. 5214136
314	11.8	0.5	14	1	US-08-325-509-14	Sequence 14, Appl	C 387	11.4	0.5	15	1	US-09-068-195-7	Sequence 7, Appli
315	11.8	0.5	15	1	US-08-182-968A-109	Sequence 109, App	C 388	11.4	0.5	16	1	US-09-043-816E-29	Sequence 29, Appl
316	11.8	0.5	15	1	US-08-182-968A-315	Sequence 315, App	C 389	11.4	0.5	16	1	US-09-043-816E-40	Sequence 40, Appl
317	11.8	0.5	15	1	US-08-291-932A-80	Sequence 80, Appl	C 390	11.4	0.5	16	1	US-09-371-772B-7032	Sequence 7032, Ap
318	11.8	0.5	15	1	US-08-291-932A-125	Sequence 125, Appl	C 391	11.4	0.5	16	1	PCT-US91-03680-96	Sequence 96, Appl
319	11.8	0.5	15	1	US-08-231-932A-223	Sequence 223, App	C 392	11.4	0.5	16	1	5214136-6	Patent No. 5214136
320	11.8	0.5	15	1	US-08-231-932A-349	Sequence 349, App	C 393	11.4	0.5	16	1	5214136-14	Patent No. 5214136
321	11.8	0.5	15	1	US-08-232-620A-443	Sequence 443, App	C 394	11.4	0.5	16	1	US-08-747-562-2	Sequence 2, Appli
322	11.8	0.5	15	1	US-08-774-306A-109	Sequence 109, App	C 395	11.4	0.5	28	1	US-09-050-159-9	Sequence 9, Appli
323	11.8	0.5	15	1	US-08-774-306A-315	Sequence 315, App	C 396	11.2	0.5	16	1	US-08-152-313-32	Sequence 32, Appl
324	11.8	0.5	15	1	US-08-585-684B-2081	Sequence 2081, Ap	C 397	11.2	0.5	16	1	US-07-971-978-10	Sequence 10, Appl
325	11.8	0.5	15	1	US-08-819-867-68	Sequence 68, Appl	C 398	11.2	0.5	16	1		

C 399	11.2	0.5	16	1	US-07-971-978-11	Sequence 11, Appl	C 472	10.8	0.5	15	1	US-07-799-824-7	Sequence 7, Appl
C 400	11.2	0.5	16	1	US-07-971-978-40	Sequence 40, Appl	C 473	10.8	0.5	15	1	US-07-799-824-8	Sequence 8, Appl
C 401	11.2	0.5	16	1	US-07-971-978-46	Sequence 46, Appl	C 474	10.8	0.5	15	1	US-07-799-824-9	Sequence 9, Appl
C 402	11.2	0.5	16	1	US-07-971-978-64	Sequence 64, Appl	C 475	10.8	0.5	15	1	US-07-874-334-15	Sequence 15, Appl
C 403	11.2	0.5	16	1	US-08-136-538-30	Sequence 30, Appl	C 476	10.8	0.5	15	1	US-07-874-334-16	Sequence 16, Appl
C 404	11.2	0.5	16	1	US-08-579-823-32	Sequence 32, Appl	C 477	10.8	0.5	15	1	US-07-874-334-17	Sequence 17, Appl
C 405	11.2	0.5	16	1	US-08-426-807-7	Sequence 7, Appl	C 478	10.8	0.5	15	1	US-07-874-334-18	Sequence 18, Appl
C 406	11.2	0.5	16	1	US-08-419-414-13	Sequence 13, Appl	C 479	10.8	0.5	15	1	US-08-031-147A-36	Sequence 36, Appl
C 407	11.2	0.5	16	1	US-08-282-197C-25	Sequence 25, Appl	C 480	10.8	0.5	15	1	US-07-906-930E-8	Sequence 8, Appl
C 408	11.2	0.5	16	1	US-08-459-434-10	Sequence 10, Appl	C 481	10.8	0.5	15	1	US-08-182-968A-278	Sequence 278, App
C 409	11.2	0.5	16	1	US-08-850-961-5	Sequence 5, Appl	C 482	10.8	0.5	15	1	US-08-182-968A-363	Sequence 363, App
C 410	11.2	0.5	16	1	US-03-270-542-186	Sequence 186, App	C 483	10.8	0.5	15	1	US-07-976-103A-6	Sequence 6, Appl
C 411	11.2	0.5	16	1	US-03-479-776-5	Sequence 5, Appl	C 484	10.8	0.5	15	1	US-07-976-103A-12	Sequence 12, Appl
C 412	11.2	0.5	16	1	US-08-801-308-4	Sequence 4, Appl	C 485	10.8	0.5	15	1	US-07-976-103A-40	Sequence 40, Appl
C 413	11.2	0.5	16	1	US-03-328-177A-15	Sequence 15, Appl	C 486	10.8	0.5	15	1	US-07-976-103A-49	Sequence 49, Appl
C 414	11.2	0.5	16	1	US-03-371-772B-6029	Sequence 6029, Ap	C 487	10.8	0.5	15	1	US-08-291-932A-10	Sequence 10, Appl
C 415	11.2	0.5	16	1	US-09-479-905A-176	Sequence 176, App	C 488	10.8	0.5	15	1	US-08-291-932A-124	Sequence 124, App
C 416	11.2	0.5	16	1	US-09-753-943D-15	Sequence 15, Appl	C 489	10.8	0.5	15	1	US-08-291-932A-198	Sequence 198, App
C 417	11.2	0.5	16	1	PCT-US94-12947A-32	Sequence 32, Appl	C 490	10.8	0.5	15	1	US-08-291-932A-201	Sequence 201, App
C 418	11.2	0.5	18	1	US-03-166-038A-66	Sequence 66, Appl	C 491	10.8	0.5	15	1	US-08-291-932A-205	Sequence 205, App
C 419	11.2	0.5	18	1	US-09-205-144-36	Sequence 36, Appl	C 492	10.8	0.5	15	1	US-08-334-847-24	Sequence 24, Appl
C 420	11.2	0.5	24	1	US-08-529-190B-13	Sequence 13, Appl	C 493	10.8	0.5	15	1	US-08-334-847-45	Sequence 45, Appl
C 421	11.2	0.5	24	1	US-08-529-190B-5	Sequence 5, Appl	C 494	10.8	0.5	15	1	US-08-334-847-46	Sequence 46, Appl
C 422	11	0.5	12	1	US-08-050-319B-55	Sequence 55, Appl	C 495	10.8	0.5	15	1	US-08-334-847-345	Sequence 345, App
C 423	11	0.5	12	1	US-08-465-982-55	Sequence 55, Appl	C 496	10.8	0.5	15	1	US-08-334-847-520	Sequence 520, App
C 424	11	0.5	12	1	US-08-487-761-8	Sequence 8, Appl	C 497	10.8	0.5	15	1	US-08-334-847-662	Sequence 662, App
C 425	11	0.5	14	1	US-08-442-513A-6	Sequence 6, Appl	C 498	10.8	0.5	15	1	US-08-334-847-663	Sequence 663, App
C 426	11	0.5	14	1	US-08-465-590-104	Sequence 104, App	C 499	10.8	0.5	15	1	US-08-363-240A-59	Sequence 59, Appl
C 427	11	0.5	14	1	US-08-711-417C-104	Sequence 104, App	C 500	10.8	0.5	15	1	US-08-363-240A-576	Sequence 576, App
C 428	11	0.5	14	1	US-09-723-909-104	Sequence 104, App	C 501	10.8	0.5	15	1	US-08-363-240A-577	Sequence 577, App
C 429	11	0.5	14	1	PCT-US93-08743-104	Sequence 104, App	C 502	10.8	0.5	15	1	US-08-363-240A-578	Sequence 578, App
C 430	11	0.5	15	1	US-07-860-925-24	Sequence 24, Appl	C 503	10.8	0.5	15	1	US-08-363-240A-614	Sequence 614, App
C 431	11	0.5	15	1	US-08-311-760A-183	Sequence 183, App	C 504	10.8	0.5	15	1	US-08-363-240A-615	Sequence 615, App
C 432	11	0.5	15	1	US-08-311-760A-184	Sequence 184, App	C 505	10.8	0.5	15	1	US-08-317-432A-2	Sequence 2, Appl
C 433	11	0.5	15	1	US-08-311-760A-185	Sequence 185, App	C 506	10.8	0.5	15	1	US-08-601-435-28	Sequence 28, Appl
C 434	11	0.5	15	1	US-08-311-760A-186	Sequence 186, App	C 507	10.8	0.5	15	1	US-08-311-486C-175	Sequence 175, App
C 435	11	0.5	15	1	US-08-319-492B-144	Sequence 144, App	C 508	10.8	0.5	15	1	US-08-311-486C-651	Sequence 651, App
C 436	11	0.5	15	1	US-08-334-315-24	Sequence 34, Appl	C 509	10.8	0.5	15	1	US-08-473-481-6	Sequence 6, Appl
C 437	11	0.5	15	1	US-08-774-310-183	Sequence 183, App	C 510	10.8	0.5	15	1	US-08-473-481-12	Sequence 12, Appl
C 438	11	0.5	15	1	US-08-774-310-184	Sequence 184, App	C 511	10.8	0.5	15	1	US-08-473-481-40	Sequence 40, Appl
C 439	11	0.5	15	1	US-08-774-310-185	Sequence 185, App	C 512	10.8	0.5	15	1	US-08-473-481-49	Sequence 49, Appl
C 440	11	0.5	15	1	US-08-774-310-186	Sequence 186, App	C 513	10.8	0.5	15	1	US-08-292-620A-149	Sequence 149, App
C 441	11	0.5	15	1	5182195-60	Patent No. 5182195	C 514	10.8	0.5	15	1	US-08-292-620A-173	Sequence 173, App
C 442	11	0.5	19	1	US-09-422-978-7262	Sequence 7262, Ap	C 515	10.8	0.5	15	1	US-08-292-620A-333	Sequence 333, App
C 443	10.8	0.5	14	1	US-08-303-004-21	Sequence 21, Appl	C 516	10.8	0.5	15	1	US-08-292-620A-442	Sequence 442, App
C 444	10.8	0.5	14	1	US-08-442-513A-17	Sequence 17, Appl	C 517	10.8	0.5	15	1	US-08-292-620A-614	Sequence 614, App
C 445	10.8	0.5	14	1	US-08-173-489C-324	Sequence 324, App	C 518	10.8	0.5	15	1	US-08-894-922A-1	Sequence 1, Appl
C 446	10.8	0.5	14	1	US-08-985-162-1842	Sequence 1842, Ap	C 519	10.8	0.5	15	1	US-08-774-306A-278	Sequence 278, App
C 447	10.8	0.5	14	1	US-08-913-833-89	Sequence 89, Appl	C 520	10.8	0.5	15	1	US-08-774-306A-363	Sequence 363, App
C 448	10.8	0.5	14	1	US-08-913-833-129	Sequence 129, App	C 521	10.8	0.5	15	1	US-08-418-085-73	Sequence 73, Appl
C 449	10.8	0.5	14	1	US-08-765-340-101	Sequence 101, App	C 522	10.8	0.5	15	1	US-08-585-684B-202	Sequence 202, App
C 450	10.8	0.5	14	1	US-08-793-660B-22	Sequence 22, Appl	C 523	10.8	0.5	15	1	US-08-585-684B-271	Sequence 271, App
C 451	10.8	0.5	14	1	US-09-580-794C-89	Sequence 89, Appl	C 524	10.8	0.5	15	1	US-08-585-684B-643	Sequence 643, App
C 452	10.8	0.5	14	1	US-08-580-794C-129	Sequence 129, App	C 525	10.8	0.5	15	1	US-08-585-684B-643	Sequence 643, App
C 453	10.8	0.5	14	1	US-08-257-503A-5	Sequence 5, Appl	C 526	10.8	0.5	15	1	US-08-740-821-8	Sequence 8, Appl
C 454	10.8	0.5	14	1	US-09-401-063-1842	Sequence 1842, Ap	C 527	10.8	0.5	15	1	US-08-477-553A-2	Sequence 2, Appl
C 455	10.8	0.5	14	1	5219727-63	Patent No. 5219727	C 528	10.8	0.5	15	1	US-08-403-888A-44	Sequence 44, Appl
C 456	10.8	0.5	14	1	US-09-054-832-37	Sequence 37, Appl	C 529	10.8	0.5	15	1	US-08-931-047-28	Sequence 28, Appl
C 457	10.8	0.5	14	1	US-09-640-953-37	Sequence 37, Appl	C 530	10.8	0.5	15	1	US-08-783-202-28	Sequence 28, Appl
C 458	10.8	0.5	15	1	US-07-905-040-1	Sequence 1, Appl	C 531	10.8	0.5	15	1	US-08-343-998-24	Sequence 24, Appl
C 459	10.8	0.5	15	1	US-08-021-619-1	Sequence 1, Appl	C 532	10.8	0.5	15	1	US-08-486-343A-6	Sequence 6, Appl
C 460	10.8	0.5	15	1	US-08-142-785-7	Sequence 7, Appl	C 533	10.8	0.5	15	1	US-08-959-853-7	Sequence 7, Appl
C 461	10.8	0.5	15	1	US-08-142-785-8	Sequence 8, Appl	C 534	10.8	0.5	15	1	US-08-963-472-5	Sequence 5, Appl
C 462	10.8	0.5	15	1	US-08-142-785-9	Sequence 9, Appl	C 535	10.8	0.5	15	1	US-08-963-472-5	Sequence 5, Appl
C 463	10.8	0.5	15	1	US-08-142-785-10	Sequence 10, Appl	C 536	10.8	0.5	15	1	US-08-963-472-9	Sequence 9, Appl
C 464	10.8	0.5	15	1	US-08-142-785-11	Sequence 11, Appl	C 537	10.8	0.5	15	1	US-08-963-472-9	Sequence 9, Appl
C 465	10.8	0.5	15	1	US-08-142-785-12	Sequence 12, Appl	C 538	10.8	0.5	15	1	US-09-064-156A-278	Sequence 278, App
C 466	10.8	0.5	15	1	US-08-142-785-13	Sequence 13, Appl	C 539	10.8	0.5	15	1	US-09-064-156A-363	Sequence 363, App
C 467	10.8	0.5	15	1	US-07-799-824-1	Sequence 1, Appl	C 540	10.8	0.5	15	1	US-09-071-845-149	Sequence 149, App
C 468	10.8	0.5	15	1	US-07-799-824-2	Sequence 2, Appl	C 541	10.8	0.5	15	1	US-09-071-845-173	Sequence 173, App
C 469	10.8	0.5	15	1	US-07-799-824-3	Sequence 3, Appl	C 542	10.8	0.5	15	1	US-09-071-845-333	Sequence 333, App
C 470	10.8	0.5	15	1	US-07-799-824-5	Sequence 5, Appl	C 543	10.8	0.5	15	1	US-09-071-845-442	Sequence 442, App
C 471	10.8	0.5	15	1	US-07-799-824-6	Sequence 6, Appl	C 544	10.8	0.5	15	1	US-09-071-845-614	Sequence 614, App

C 691	10.2	0.5	15	1	US-09-064-156A-278	Sequence 278, App	C 764	9.8	0.5	13	1	US-08-478-608B-4	Sequence 4, Appli
C 692	10.2	0.5	16	1	US-08-282-197C-20	Sequence 20, Appl	C 765	9.8	0.5	13	1	US-08-544-381B-29	Sequence 29, Appl
C 693	10.2	0.5	16	1	US-09-328-174A-15	Sequence 15, Appl	C 766	9.8	0.5	13	1	US-08-798-269-7	Sequence 7, Appl
C 694	10.2	0.5	17	1	US-09-474-432B-678	Sequence 678, App	C 767	9.8	0.5	13	1	US-08-190-470-36	Sequence 36, Appl
C 695	10.2	0.5	17	1	US-09-476-367-677	Sequence 677, App	C 768	9.8	0.5	13	1	US-09-091-058-16	Sequence 16, Appl
C 696	10.2	0.5	17	1	US-09-866-108A-2782	Sequence 2782, Ap	C 769	9.8	0.5	13	1	US-08-913-833-108	Sequence 108, App
C 697	10.2	0.5	17	1	US-09-371-772B-5457	Sequence 5457, Ap	C 770	9.8	0.5	13	1	US-08-476-423A-4	Sequence 4, Appli
C 698	10.2	0.5	18	1	PCT-US93-12600-5	Sequence 5, Appli	C 771	9.8	0.5	13	1	US-09-124-238A-5	Sequence 5, Appli
C 699	10.2	0.5	20	1	US-09-198-452A-5845	Sequence 5845, Ap	C 772	9.8	0.5	13	1	US-08-778-794A-87	Sequence 87, Appl
C 700	10	0.5	10	1	US-08-031-147A-37	Sequence 37, Appl	C 773	9.8	0.5	13	1	US-09-580-794C-108	Sequence 108, App
C 701	10	0.5	10	1	US-08-171-718-50	Sequence 50, Appl	C 774	9.8	0.5	13	1	US-08-981-988A-39	Sequence 39, Appl
C 702	10	0.5	10	1	US-08-403-888A-26	Sequence 26, Appl	C 775	9.8	0.5	13	1	US-09-055-210-7	Sequence 7, Appli
C 703	10	0.5	10	1	US-08-403-888A-46	Sequence 46, Appl	C 776	9.8	0.5	13	1	US-09-721-975-5	Sequence 5, Appli
C 704	10	0.5	10	1	US-08-403-888A-119	Sequence 119, App	C 777	9.8	0.5	13	1	US-09-179-162A-4	Sequence 4, Appli
C 705	10	0.5	10	1	US-08-388-353-389	Sequence 389, App	C 778	9.8	0.5	13	1	US-09-179-162A-4	Sequence 4, Appli
C 706	10	0.5	10	1	US-08-488-551B-389	Sequence 389, App	C 779	9.8	0.5	13	1	US-09-986-621-5	Sequence 5, Appli
C 707	10	0.5	10	1	US-09-069-434-16	Sequence 16, Appl	C 780	9.8	0.5	13	1	US-08-192-943-21	Sequence 21, Appl
C 708	10	0.5	10	1	US-08-478-087-50	Sequence 50, Appl	C 781	9.8	0.5	13	1	US-09-874-601-52	Sequence 52, Appl
C 709	10	0.5	10	1	US-09-134-246-9	Sequence 9, Appli	C 782	9.8	0.5	13	1	US-09-950-459-4	Sequence 4, Appli
C 710	10	0.5	10	1	US-08-192-946-31	Sequence 31, Appl	C 783	9.8	0.5	13	1	US-09-950-459-4	Sequence 4, Appli
C 711	10	0.5	10	1	US-09-052-753B-12	Sequence 12, Appl	C 784	9.8	0.5	14	1	US-08-142-785-3	Sequence 3, Appli
C 712	10	0.5	10	1	US-10-042-111-33	Sequence 33, Appl	C 785	9.8	0.5	14	1	US-07-874-334-6	Sequence 6, Appli
C 713	10	0.5	10	1	PCT-US94-02471-37	Sequence 37, Appl	C 786	9.8	0.5	14	1	US-07-874-334-7	Sequence 7, Appli
C 714	10	0.5	11	1	US-08-403-888A-25	Sequence 25, Appl	C 787	9.8	0.5	14	1	US-07-874-334-9	Sequence 9, Appli
C 715	10	0.5	11	1	US-08-646-695-15	Sequence 15, Appl	C 788	9.8	0.5	14	1	US-07-874-334-9	Sequence 9, Appli
C 716	10	0.5	11	1	PCT-US96-06053-15	Sequence 15, Appl	C 789	9.8	0.5	14	1	US-08-303-004-13	Sequence 13, Appl
C 717	10	0.5	12	1	US-08-329-798-8	Sequence 8, Appli	C 790	9.8	0.5	14	1	US-08-303-004-13	Sequence 13, Appl
C 718	10	0.5	12	1	US-08-329-798-8	Sequence 8, Appli	C 791	9.8	0.5	14	1	US-08-242-664-15	Sequence 15, Appl
C 719	10	0.5	12	1	US-08-363-233B-13	Sequence 13, Appl	C 792	9.8	0.5	14	1	US-08-442-513A-11	Sequence 11, Appl
C 720	10	0.5	12	1	US-08-809-297-14	Sequence 14, Appl	C 793	9.8	0.5	14	1	US-08-442-513A-11	Sequence 11, Appl
C 721	10	0.5	12	1	US-08-809-297-14	Sequence 14, Appl	C 794	9.8	0.5	14	1	US-08-442-513A-11	Sequence 11, Appl
C 722	10	0.5	12	1	US-08-809-297-14	Sequence 14, Appl	C 795	9.8	0.5	14	1	US-08-442-513A-16	Sequence 16, Appl
C 723	10	0.5	12	1	US-08-809-297-14	Sequence 14, Appl	C 796	9.8	0.5	14	1	US-08-442-513A-16	Sequence 16, Appl
C 724	10	0.5	12	1	US-08-462-467B-29	Sequence 29, Appl	C 797	9.8	0.5	14	1	US-08-442-513A-16	Sequence 16, Appl
C 725	10	0.5	12	1	US-09-281-418-156	Sequence 156, App	C 798	9.8	0.5	14	1	US-08-484-138-15	Sequence 15, Appl
C 726	10	0.5	12	1	US-09-281-418-202	Sequence 202, App	C 799	9.8	0.5	14	1	US-08-498-402-6	Sequence 6, Appli
C 727	10	0.5	12	1	US-09-281-418-202	Sequence 202, App	C 800	9.8	0.5	14	1	US-08-259-148A-27	Sequence 27, Appl
C 728	10	0.5	12	1	US-09-004-838-139	Sequence 139, App	C 801	9.8	0.5	14	1	US-08-706-135-2	Sequence 2, Appli
C 729	10	0.5	13	1	US-08-608-584-10	Sequence 10, Appl	C 802	9.8	0.5	14	1	US-08-540-448-20	Sequence 20, Appl
C 730	10	0.5	13	1	US-08-520-194-7	Sequence 7, Appli	C 803	9.8	0.5	14	1	US-07-892-902-4	Sequence 4, Appli
C 731	10	0.5	13	1	US-09-474-432B-177	Sequence 177, App	C 804	9.8	0.5	14	1	US-08-173-489C-94	Sequence 94, Appl
C 732	10	0.5	13	1	US-09-476-387-177	Sequence 177, App	C 805	9.8	0.5	14	1	US-08-173-489C-94	Sequence 94, Appl
C 733	10	0.5	13	1	US-08-068-945A-24	Sequence 24, Appl	C 806	9.8	0.5	14	1	US-08-173-489C-186	Sequence 186, App
C 734	10	0.5	13	1	US-08-442-806-24	Sequence 24, Appl	C 807	9.8	0.5	14	1	US-08-173-489C-186	Sequence 186, App
C 735	10	0.5	14	1	US-08-765-340-150	Sequence 150, App	C 808	9.8	0.5	14	1	US-07-876-941A-43	Sequence 43, Appl
C 736	10	0.5	14	1	US-08-237-233-5	Sequence 5, Appli	C 809	9.8	0.5	14	1	US-08-985-162-1805	Sequence 1805, Ap
C 737	10	0.5	14	1	US-08-173-489C-185	Sequence 185, App	C 810	9.8	0.5	14	1	US-08-985-162-1805	Sequence 1805, Ap
C 738	10	0.5	14	1	US-08-173-489C-197	Sequence 197, App	C 811	9.8	0.5	14	1	US-08-985-162-1805	Sequence 1805, Ap
C 739	10	0.5	14	1	US-08-765-340-149	Sequence 149, App	C 812	9.8	0.5	14	1	US-08-985-162-1834	Sequence 1834, Ap
C 740	10	0.5	14	1	US-08-765-340-149	Sequence 149, App	C 813	9.8	0.5	14	1	US-08-985-162-1834	Sequence 1834, Ap
C 741	10	0.5	14	1	US-09-230-652-36	Sequence 36, Appl	C 814	9.8	0.5	14	1	US-08-913-833-109	Sequence 109, App
C 742	10	0.5	14	1	5194595-13	Patent No. 5194595	C 815	9.8	0.5	14	1	US-08-913-833-112	Sequence 112, App
C 743	10	0.5	14	1	5214136-13	Patent No. 5214136	C 816	9.8	0.5	14	1	US-08-913-833-138	Sequence 138, App
C 744	10	0.5	14	1	US-08-275-528C-8	Sequence 8, Appli	C 817	9.8	0.5	14	1	US-08-998-099-357	Sequence 357, App
C 745	10	0.5	14	1	US-09-076-677-8	Sequence 8, Appli	C 818	9.8	0.5	14	1	US-08-998-099-362	Sequence 362, App
C 746	10	0.5	14	1	US-09-073-055-8	Sequence 8, Appli	C 819	9.8	0.5	14	1	US-08-983-041-7	Sequence 7, Appli
C 747	10	0.5	16	1	US-09-043-8162-29	Sequence 29, Appl	C 820	9.8	0.5	14	1	US-08-983-041-7	Sequence 7, Appli
C 748	10	0.5	16	1	PCT-US91-03680-96	Sequence 96, Appl	C 821	9.8	0.5	14	1	US-08-983-041-7	Sequence 7, Appli
C 749	10	0.5	18	1	US-08-937-580-9	Sequence 9, Appli	C 822	9.8	0.5	14	1	US-08-983-041-7	Sequence 7, Appli
C 750	10	0.5	18	1	US-09-336-039-9	Sequence 9, Appli	C 823	9.8	0.5	14	1	US-08-983-041-7	Sequence 7, Appli
C 751	10	0.5	19	1	US-09-165-264-10	Sequence 10, Appl	C 824	9.8	0.5	14	1	US-08-983-041-7	Sequence 7, Appli
C 752	10	0.5	20	1	US-09-517-467B-308	Sequence 308, App	C 825	9.8	0.5	14	1	US-08-983-041-7	Sequence 7, Appli
C 753	10	0.5	20	1	US-09-422-978-7116	Sequence 7116, Ap	C 826	9.8	0.5	14	1	US-08-983-041-7	Sequence 7, Appli
C 754	9.8	0.5	13	1	US-08-068-945A-24	Sequence 24, Appl	C 827	9.8	0.5	14	1	US-08-983-041-7	Sequence 7, Appli
C 755	9.8	0.5	13	1	US-08-456-420-4	Sequence 4, Appli	C 828	9.8	0.5	14	1	US-08-983-041-7	Sequence 7, Appli
C 756	9.8	0.5	13	1	US-08-250-740-30	Sequence 30, Appl	C 829	9.8	0.5	14	1	US-08-983-041-7	Sequence 7, Appli
C 757	9.8	0.5	13	1	US-08-250-740-31	Sequence 31, Appl	C 830	9.8	0.5	14	1	US-08-983-041-7	Sequence 7, Appli
C 758	9.8	0.5	13	1	US-08-442-806-24	Sequence 24, Appl	C 831	9.8	0.5	14	1	US-08-983-041-7	Sequence 7, Appli
C 759	9.8	0.5	13	1	US-08-441-887A-268	Sequence 268, App	C 832	9.8	0.5	14	1	US-08-983-041-7	Sequence 7, Appli
C 760	9.8	0.5	13	1	US-08-505-377-7	Sequence 7, Appli	C 833	9.8	0.5	14	1	US-08-983-041-7	Sequence 7, Appli
C 761	9.8	0.5	13	1	US-08-485-689-4	Sequence 4, Appli	C 834	9.8	0.5	14	1	US-08-983-041-7	Sequence 7, Appli
C 762	9.8	0.5	13	1	US-08-476-021A-4	Sequence 4, Appli	C 835	9.8	0.5	14	1	US-08-983-041-7	Sequence 7, Appli
C 763	9.8	0.5	13	1	US-08-173-489C-56	Sequence 56, Appl	C 836	9.8	0.5	14	1	US-08-983-041-7	Sequence 7, Appli

545	10.8	0.5	15	1	US-09-099-011A-73	Sequence 73, Appl	C 618	10.4	0.5	12	1	US-08-403-888A-113	Sequence 113, App
546	10.8	0.5	15	1	US-09-177-359-20	Sequence 20, Appl	C 619	10.4	0.5	12	1	US-08-053-451B-157	Sequence 157, App
547	10.8	0.5	15	1	US-09-038-073-202	Sequence 202, App	C 620	10.4	0.5	12	1	US-08-813-867-5	Sequence 5, Appl
548	10.8	0.5	15	1	US-09-038-073-271	Sequence 271, App	C 621	10.4	0.5	12	1	US-08-813-867-33	Sequence 33, Appl
549	10.8	0.3	15	1	US-09-038-073-643	Sequence 643, App	C 622	10.4	0.5	12	1	US-08-813-867-35	Sequence 35, Appl
550	10.8	0.5	15	1	US-09-038-073-643	Sequence 643, App	C 623	10.4	0.5	12	1	US-09-281-418-107	Sequence 107, App
551	10.8	0.5	15	1	US-09-338-972-251	Sequence 251, App	C 624	10.4	0.5	12	1	US-08-831-399-13	Sequence 13, Appl
552	10.8	0.5	15	1	US-08-338-352-7	Sequence 7, Appl	C 625	10.4	0.5	12	1	US-09-366-862-13	Sequence 13, Appl
553	10.8	0.5	15	1	US-08-338-352-13	Sequence 13, Appl	C 626	10.4	0.5	12	1	US-09-368-772-13	Sequence 13, Appl
554	10.8	0.5	15	1	US-09-081-646-79	Sequence 79, Appl	C 627	10.4	0.5	12	1	US-09-475-947A-286	Sequence 286, App
555	10.8	0.5	15	1	US-09-081-646-127	Sequence 127, App	C 628	10.4	0.5	12	1	US-09-378-535-5	Sequence 5, Appl
556	10.8	0.5	15	1	US-09-081-646-223	Sequence 223, App	C 629	10.4	0.5	12	1	US-09-378-535-33	Sequence 33, Appl
557	10.8	0.5	15	1	US-09-081-646-546	Sequence 546, App	C 630	10.4	0.5	12	1	US-09-378-535-35	Sequence 35, Appl
558	10.8	0.5	15	1	US-09-081-646-615	Sequence 615, App	C 631	10.4	0.5	12	1	PCT-US94-02471-53	Sequence 53, Appl
559	10.8	0.5	15	1	US-09-081-646-814	Sequence 814, App	C 632	10.4	0.5	12	1	PCT-US95-06379-12	Sequence 12, Appl
560	10.8	0.5	15	1	US-09-081-646-814	Sequence 814, App	C 633	10.4	0.5	13	1	US-07-954-830-7	Sequence 7, Appl
561	10.8	0.5	15	1	US-08-584-040-8476	Sequence 8476, Ap	C 634	10.4	0.5	13	1	US-08-233-030-7	Sequence 7, Appl
562	10.8	0.5	15	1	US-08-599-738A-6	Sequence 6, Appl	C 635	10.4	0.5	13	1	US-09-588-950A-1	Sequence 1, Appl
563	10.8	0.5	15	1	US-08-599-738A-12	Sequence 12, Appl	C 636	10.4	0.5	13	1	US-09-350-821A-11	Sequence 11, Appl
564	10.8	0.5	15	1	US-08-599-738A-40	Sequence 40, Appl	C 637	10.4	0.5	13	1	US-09-350-821A-11	Sequence 11, Appl
565	10.8	0.5	15	1	US-08-599-738A-49	Sequence 49, Appl	C 638	10.4	0.5	13	1	US-09-474-432B-136	Sequence 136, App
566	10.8	0.5	15	1	US-09-383-316-87	Sequence 87, Appl	C 639	10.4	0.5	13	1	US-09-476-387-136	Sequence 136, App
567	10.8	0.5	15	1	US-08-461-210-26	Sequence 26, Appl	C 640	10.4	0.5	13	1	5256775-2	Patent No. 5256775
568	10.8	0.5	15	1	US-09-400-502-23	Sequence 23, Appl	C 641	10.4	0.5	14	1	US-09-230-652-20	Sequence 20, Appl
569	10.8	0.5	15	1	US-09-400-502-24	Sequence 24, Appl	C 642	10.4	0.5	14	1	US-08-145-010A-8	Sequence 8, Appl
570	10.8	0.5	15	1	US-09-456-773-4	Sequence 4, Appl	C 643	10.4	0.5	14	1	US-08-442-513A-10	Sequence 10, Appl
571	10.8	0.5	15	1	US-09-456-773-4	Sequence 4, Appl	C 644	10.4	0.5	14	1	US-08-674-168-10	Sequence 10, Appl
572	10.8	0.5	15	1	US-08-906-378-2	Sequence 2, Appl	C 645	10.4	0.5	14	1	US-08-639-080-4	Sequence 4, Appl
573	10.8	0.5	15	1	US-08-906-378-9	Sequence 9, Appl	C 646	10.4	0.5	14	1	US-08-505-377-18	Sequence 18, Appl
574	10.8	0.5	15	1	US-09-179-162A-5	Sequence 5, Appl	C 647	10.4	0.5	14	1	US-08-585-888-4	Sequence 4, Appl
575	10.8	0.5	15	1	US-09-179-162A-5	Sequence 5, Appl	C 648	10.4	0.5	14	1	US-08-487-799-87	Sequence 87, Appl
576	10.8	0.5	15	1	US-09-717-422-2	Sequence 2, Appl	C 649	10.4	0.5	14	1	US-08-798-269-18	Sequence 18, Appl
577	10.8	0.5	15	1	US-09-474-432B-137	Sequence 137, App	C 650	10.4	0.5	14	1	US-08-180-470-17	Sequence 17, Appl
578	10.8	0.5	15	1	US-09-371-772B-4131	Sequence 4131, App	C 651	10.4	0.5	14	1	US-08-983-162-1776	Sequence 1776, Ap
579	10.8	0.5	15	1	US-09-476-387-137	Sequence 137, App	C 652	10.4	0.5	14	1	US-08-765-340-115	Sequence 115, App
580	10.8	0.5	15	1	US-09-088-877B-73	Sequence 73, Appl	C 653	10.4	0.5	14	1	US-08-765-340-150	Sequence 150, App
581	10.8	0.5	15	1	US-09-950-459-5	Sequence 5, Appl	C 654	10.4	0.5	14	1	US-08-413-740A-200	Sequence 200, App
582	10.8	0.5	15	1	US-09-950-459-5	Sequence 5, Appl	C 655	10.4	0.5	14	1	US-09-195-991-4	Sequence 4, Appl
583	10.8	0.5	15	1	US-10-032-307-68	Sequence 68, Appl	C 656	10.4	0.5	14	1	US-09-113-231A-4	Sequence 4, Appl
584	10.8	0.5	15	1	PCT-US93-01880-1	Sequence 1, Appl	C 657	10.4	0.5	14	1	US-09-362-311-10	Sequence 10, Appl
585	10.8	0.5	15	1	PCT-US94-12600-14	Sequence 14, Appl	C 658	10.4	0.5	14	1	US-09-081-646-258	Sequence 258, App
586	10.8	0.5	15	1	PCT-US94-02471-36	Sequence 36, Appl	C 659	10.4	0.5	14	1	US-09-055-210-18	Sequence 18, Appl
587	10.8	0.5	15	1	PCT-US95-07349-6	Sequence 6, Appl	C 660	10.4	0.5	14	1	US-09-593-012-50	Sequence 50, Appl
588	10.8	0.5	16	1	PCT-US91-03680-98	Sequence 98, Appl	C 661	10.4	0.5	14	1	US-08-535-249-87	Sequence 87, Appl
589	10.8	0.5	17	1	US-09-866-108A-8356	Sequence 8356, Ap	C 662	10.4	0.5	14	1	US-08-535-249-125	Sequence 125, App
590	10.8	0.5	17	1	US-08-889-296A-27	Sequence 27, Appl	C 663	10.4	0.5	14	1	US-09-230-652-18	Sequence 18, Appl
591	10.8	0.5	17	1	US-08-848-840A-27	Sequence 27, Appl	C 664	10.4	0.5	14	1	US-09-357-711A-2	Sequence 2, Appl
592	10.8	0.5	17	1	US-08-961-669A-35	Sequence 35, Appl	C 665	10.4	0.5	14	1	US-09-245-928A-6	Sequence 6, Appl
593	10.8	0.5	17	1	US-09-128-494-27	Sequence 27, Appl	C 666	10.4	0.5	14	1	US-09-401-063-1776	Sequence 1776, Ap
594	10.8	0.5	17	1	US-09-248-386-27	Sequence 27, Appl	C 667	10.4	0.5	14	1	US-09-874-601-18	Sequence 18, Appl
595	10.8	0.5	17	1	US-09-866-108A-2033	Sequence 2033, Ap	C 668	10.4	0.5	14	1	US-09-874-601-119	Sequence 119, App
596	10.8	0.5	18	1	US-09-106-038A-53	Sequence 53, Appl	C 669	10.4	0.5	14	1	PCT-US95-04063-200	Patent No. 5427929
597	10.8	0.5	18	1	US-09-622-166A-31	Sequence 31, Appl	C 670	10.4	0.5	14	1	5427929-23	Patent No. 5427929
598	10.6	0.5	17	1	US-09-474-432B-681	Sequence 681, App	C 671	10.4	0.5	14	1	US-08-535-249-69	Sequence 69, Appl
599	10.6	0.5	17	1	US-08-476-387-680	Sequence 680, App	C 672	10.4	0.5	14	1	US-09-866-108A-8357	Sequence 8357, Ap
600	10.6	0.5	17	1	US-08-866-108A-2783	Sequence 2783, Ap	C 673	10.4	0.5	17	1	US-09-866-108A-8358	Sequence 8358, Ap
601	10.6	0.5	17	1	US-08-782-047-9	Sequence 9, Appl	C 674	10.4	0.5	18	1	US-08-485-942A-45	Sequence 45, Appl
602	10.6	0.5	17	1	US-08-782-047-27	Sequence 27, Appl	C 675	10.4	0.5	18	1	US-08-485-942A-45	Sequence 45, Appl
603	10.6	0.5	17	1	US-08-749-431A-24	Sequence 24, Appl	C 676	10.4	0.5	18	1	US-08-488-211A-45	Sequence 45, Appl
604	10.6	0.5	17	1	US-08-924-870A-9	Sequence 9, Appl	C 677	10.4	0.5	18	1	US-08-488-208A-45	Sequence 45, Appl
605	10.6	0.5	17	1	US-08-924-870A-27	Sequence 27, Appl	C 678	10.4	0.5	18	1	US-08-488-232A-45	Sequence 45, Appl
606	10.6	0.5	18	1	US-09-106-038A-54	Sequence 54, Appl	C 679	10.4	0.5	18	1	US-08-438-431A-45	Sequence 45, Appl
607	10.6	0.5	18	1	US-09-106-038A-58	Sequence 58, Appl	C 680	10.4	0.5	18	1	US-08-488-232A-45	Sequence 45, Appl
608	10.4	0.5	12	1	US-08-031-147A-53	Sequence 53, Appl	C 681	10.4	0.5	20	1	US-09-513-729B-54	Sequence 54, Appl
609	10.4	0.5	12	1	US-08-242-664-12	Sequence 12, Appl	C 682	10.4	0.5	21	1	US-08-397-220B-7	Sequence 7, Appl
610	10.4	0.5	12	1	US-08-050-319B-46	Sequence 46, Appl	C 683	10.4	0.5	21	1	US-09-417-832-24	Sequence 24, Appl
611	10.4	0.5	12	1	US-08-233-030-43	Sequence 43, Appl	C 684	10.4	0.5	21	1	US-08-650-093C-7	Sequence 7, Appl
612	10.4	0.5	12	1	US-08-484-138-12	Sequence 12, Appl	C 685	10.4	0.5	21	1	US-08-823-895A-7	Sequence 7, Appl
613	10.4	0.5	12	1	US-08-173-489C-85	Sequence 85, Appl	C 686	10.2	0.5	15	1	US-08-182-968A-14	Sequence 14, Appl
614	10.4	0.5	12	1	US-08-173-489C-85	Sequence 85, App	C 687	10.2	0.5	15	1	US-08-774-306A-14	Sequence 14, Appl
615	10.4	0.5	12	1	US-08-465-982-46	Sequence 46, Appl	C 688	10.2	0.5	15	1	US-09-064-156A-14	Sequence 14, Appl
616	10.4	0.5	12	1	US-08-403-888A-41	Sequence 41, Appl	C 689	10.2	0.5	15	1	US-08-182-968A-278	Sequence 278, App
617	10.4	0.5	12	1	US-08-403-888A-57	Sequence 57, Appl	C 690	10.2	0.5	15	1	US-08-774-306A-278	Sequence 278, App

C 837 9.8 0.5 14 1 US-09-922-445-5 Sequence 5, Appli
C 838 9.8 0.5 14 1 US-09-922-445-40 Sequence 40, Appli
C 839 9.8 0.5 14 1 US-09-282-734-5 Sequence 5, Appli
C 840 9.8 0.5 14 1 US-09-230-652-53 Sequence 53, Appli
C 841 9.8 0.5 14 1 US-08-808-457-10 Sequence 10, Appli
C 842 9.8 0.5 14 1 US-09-401-063-1805 Sequence 1805, Ap
C 843 9.8 0.5 14 1 US-09-401-063-1805 Sequence 1805, Ap
C 844 9.8 0.5 14 1 US-09-401-063-1834 Sequence 1834, Ap
C 845 9.8 0.5 14 1 US-09-401-063-1845 Sequence 1845, Ap
C 846 9.8 0.5 14 1 US-09-874-601-7 Sequence 7, Appli
C 847 9.8 0.5 14 1 US-09-874-601-9 Sequence 9, Appli
C 848 9.8 0.5 14 1 US-08-874-601-10 Sequence 10, Appli
C 849 9.8 0.5 14 1 US-09-874-601-109 Sequence 109, App
C 850 9.8 0.5 14 1 US-09-874-601-110 Sequence 110, App
C 851 9.8 0.5 14 1 US-09-874-601-111 Sequence 111, App
C 852 9.8 0.5 14 1 PCT-US92-06685-2 Sequence 2, Appli
C 853 9.8 0.5 14 1 PCT-US95-06379-15 Sequence 15, Appli
C 854 9.8 0.5 14 1 PCT-US95-10721-6 Sequence 6, Appli
C 855 9.8 0.5 14 1 PCT-US95-16904-2 Sequence 2, Appli

ALIGNMENTS

RESULT 1
US-08-804-166-19/c
; Sequence 19, Application US/08804166
; Patent No. 6193972
; GENERAL INFORMATION:
; APPLICANT: Campbell, Robert K.
; APPLICANT: Jameson, Bradford A.
; APPLICANT: Chappel, Scott C.
; TITLE OF INVENTION: HYBRID PROTEINS
; NUMBER OF SEQUENCES: 22
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BROWDY AND NEIMARK
; STREET: 419 Seventh Street N.W., Ste. 300
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 22207
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION NUMBER: US/08/804,166
; FILING DATE: 20 February 1996
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/011,936
; FILING DATE: 20 February 1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Browdy, Roger L.
; REGISTRATION NUMBER: 25,618
; TELEPHONE: (202) 628-5197
; TELEFAX: (202) 737-3528
; INFORMATION FOR SEQ ID NO: 19:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cdna
US-08-804-166-19

Query Match 1.0%; Score 21; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 1.8;
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 868 ACTGAGGACTCAGGCACCACA 888
Db 21 ACTGAGGACTCAGGCACCACA 1
RESULT 2
US-08-910-991-19/c
; Sequence 19, Application US/08910991
; Patent No. 6194177
; GENERAL INFORMATION:
; APPLICANT: Campbell, Robert K.
; APPLICANT: Jameson, Bradford A.
; APPLICANT: Chappel, Scott C.
; TITLE OF INVENTION: HYBRID PROTEINS
; NUMBER OF SEQUENCES: 22
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BROWDY AND NEIMARK
; STREET: 419 Seventh Street N.W., Ste. 300
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 22207
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION NUMBER: US/08/910,991
; FILING DATE:
; CLASSIFICATION: 530
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/804,166
; FILING DATE: 20 February 1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/011,936
; FILING DATE: 20 February 1996
; ATTORNEY/AGENT INFORMATION:
; NAME: YUN, Allen C.
; REGISTRATION NUMBER: 37,971
; REFERENCE/DOCKET NUMBER: CAMPBELL-2B
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 628-5197
; TELEFAX: (202) 737-3528
; INFORMATION FOR SEQ ID NO: 19:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cdna
US-08-910-991-19
Query Match 1.0%; Score 21; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 1.8;
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 868 ACTGAGGACTCAGGCACCACA 888
Db 21 ACTGAGGACTCAGGCACCACA 1
RESULT 3
US-09-756-186-19/c
; Sequence 19, Application US/09756186
; Patent No. 6663867
; GENERAL INFORMATION:
; APPLICANT: Campbell, Robert K.
; APPLICANT: Jameson, Bradford A.
; APPLICANT: Chappel, Scott C.
; TITLE OF INVENTION: HYBRID PROTEINS
; NUMBER OF SEQUENCES: 22

;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: BROWDY AND NEIMARK
;; STREET: 419 Seventh Street N.W., Ste. 300
;; CITY: Washington
;; STATE: D.C.
;; COUNTRY: USA
;; ZIP: 22207
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: IBM PC compatible
;; OPERATING SYSTEM: PC-DOS/MS-DOS
;; SOFTWARE: Patent In Release #1.0, Version #1.30
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/09/756.186
;; FILING DATE:
;; CLASSIFICATION:
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: 08/804.166
;; FILING DATE:
;; CLASSIFICATION:
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Browdy, Roger L.
;; REGISTRATION NUMBER: 25,618
;; REFERENCE/DOCKET NUMBER: CAMPBELL=2A
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (202) 628-5197
;; TELEFAX: (202) 737-3528
;; INFORMATION FOR SEQ ID NO: 19:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 21 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; MOLECULE TYPE: CDNA
;; US-09-756-186-19
Query Match 1.0%; Score 21; DB 1; Length 21;
Best Local Similarity 100.0%; Pred.No.1.6;
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 868 ACTGAGGACTCAGGACCACA 888
DB 21 ACTGAGGACTCAGGACCACA 1
RESULT 4
US-08-529-190B-7
; Sequence 7, Application US/08529190B
; Patent No. 5833991
; GENERAL INFORMATION:
; APPLICANT: Masucci, Maria G.
; TITLE OF INVENTION: GLYCINE-CONTAINING SEQUENCES
; TITLE OF INVENTION: CONFERRING INVISIBILITY TO THE IMMUNE SYSTEM
; NUMBER OF SEQUENCES: 76
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Banner & Witcoff, Ltd.
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: Wordperfect 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/529,190B
; FILING DATE: 15-SEP-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: SE9501324-9
; FILING DATE: 10-APR-1995

;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: US08/522,595
;; FILING DATE: 01-SEP-1995
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Williams, Ph.D., Kathleen A
;; REGISTRATION NUMBER: 34,380
;; REFERENCE/DOCKET NUMBER: 3255/53015
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: 617-345-9100
;; TELEFAX: 617-345-9111
;; INFORMATION FOR SEQ ID NO: 7:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 24 bases
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; MOLECULE TYPE: other nucleic acid
;; US-08-529-190B-7
Query Match 1.0%; Score 20.8; DB 1; Length 24;
Best Local Similarity 91.7%; Pred.No.3.3;
Matches 22; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 1125 TTCCACCTTCACCTCCAGTCCAC 1148
DB 1 TTCCACCTTCACCTCCAGTCCAC 24
RESULT 5
US-08-747-562-2/c
; Sequence 2, Application US/08747562
; Patent No. 6579697
; GENERAL INFORMATION:
; APPLICANT: WALLACH, David
; APPLICANT: BOLDIN, Mark
; APPLICANT: METT, Igor
; TITLE OF INVENTION: MODULATOR OF TNF/NGF SUPERFAMILY RECEPTORS
; TITLE OF INVENTION: AND SOLUBLE OLIGOMERIC TNF/NGF SUPERFAMILY RECEPTORS
; NUMBER OF SEQUENCES: 37
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BROWDY AND NEIMARK
; STREET: 419 Seventh Street, N.W., Suite 300
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20004
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/747,562
; PRIOR APPLICATION DATA: PCT/US95/05854
; APPLICATION NUMBER: IL 111,125
; FILING DATE: 11-MAY-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: IL 109,632
; FILING DATE: 11-MAY-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: IL 111,125
; FILING DATE: 02-OCT-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: BROWDY, Roger L.
; REGISTRATION NUMBER: 25,618
; REFERENCE/DOCKET NUMBER: WALLACH=15A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-628-5197
; TELEFAX: 202-737-3528
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 28 base pairs

;
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: CDNA
US-08-747-562-2

Query Match 0.9%; Score 20; DB 1; Length 28;
Best Local Similarity 100.0%; Pred. No. 9;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 871 GAGGACTCAGGCACCAAGT 890
|||||
DB 28 GAGGACTCAGGCACCAAGT 9

RESULT 6

US-08-529-190B-10
; Sequence 10, Application US/08529190B

; Patent No. 5833991

; GENERAL INFORMATION:

; APPLICANT: Masucci, Maria G.

; TITLE OF INVENTION: GLYCINE-CONTAINING SEQUENCES

; NUMBER OF SEQUENCES: 76

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Banner & Witcoff, Ltd.

; CITY: Boston

; STATE: MA

; COUNTRY: USA

; ZIP: 02111

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Diskette

; COMPUTER: IBM Compatible

; OPERATING SYSTEM: DOS

; SOFTWARE: Wordperfect 6.1

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/529,190B

; FILING DATE: 15-SEP-1995

; CLASSIFICATION: 514

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: SE9501324-9

; FILING DATE: 10-APR-1995

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US08/522,595

; FILING DATE: 01-SEP-1995

; ATTORNEY/AGENT INFORMATION:

; NAME: Williams, Ph.D., Kathleen A

; REGISTRATION NUMBER: 34,380

; REFERENCE/DOCKET NUMBER: 3255/53015

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: 617-345-9100

; TELEFAX: 617-345-9111

; INFORMATION FOR SEQ ID NO: 10:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 24 bases

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

US-08-529-190B-10

Query Match 0.9%; Score 19.2; DB 1; Length 24;
Best Local Similarity 87.5%; Pred. No. 9.1;
Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1125 TTCCACCTTCACCTCCAGCTCCAC 1148
|||||
DB 1 TTCCACCGGCACCTCCAGCTCCTC 24

RESULT 7

US-08-529-190B-16

; Sequence 16, Application US/08529190B

; Patent No. 5833991

; GENERAL INFORMATION:

; APPLICANT: Masucci, Maria G.

; TITLE OF INVENTION: GLYCINE-CONTAINING SEQUENCES

; NUMBER OF SEQUENCES: 76

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Banner & Witcoff, Ltd.

; CITY: Boston

; STATE: MA

; COUNTRY: USA

; ZIP: 02111

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Diskette

; COMPUTER: IBM Compatible

; OPERATING SYSTEM: DOS

; SOFTWARE: Wordperfect 6.1

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/529,190B

; FILING DATE: 15-SEP-1995

; CLASSIFICATION: 514

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: SE9501324-9

; FILING DATE: 10-APR-1995

; APPLICATION DATA:

; APPLICATION NUMBER: US08/522,595

; FILING DATE: 01-SEP-1995

; ATTORNEY/AGENT INFORMATION:

; NAME: Williams, Ph.D., Kathleen A

; REGISTRATION NUMBER: 34,380

; REFERENCE/DOCKET NUMBER: 3255/53015

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: 617-345-9100

; TELEFAX: 617-345-9111

; INFORMATION FOR SEQ ID NO: 16:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 24 bases

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

; MOLECULE TYPE: other nucleic acid

US-08-529-190B-16

Query Match 0.9%; Score 18.8; DB 1; Length 24;

Best Local Similarity 90.9%; Pred. No. 12;

Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1126 TCCACCTTCACCTCCAGCTCCA 1147
|||||
DB 2 TCCACCGGCACCTCCAGCTCCA 23

RESULT 8

US-08-403-888A-33/c

; Sequence 33, Application US/08403888A

; Patent No. 5952490

; GENERAL INFORMATION:

; APPLICANT: Hanecak et al.

; TITLE OF INVENTION: Oligonucleotides Having A Conserved G4 Core

; NUMBER OF SEQUENCES: 146

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5952490ris LLP

; CITY: Philadelphia

; STATE: PA

; COUNTRY: U.S.A.

; ZIP: 19103

; COMPUTER READABLE FORM:

; MEDIUM TYPE: 3.5 inch disk, 1.44 Mb

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS


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Query Match      0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 7.6;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      835 TTGTGCTACCCAGATT 852
Db      18 TTGTGCTACCCAGATT 1

RESULT 11
US-08-324-799-15/c
; Sequence 15, Application US/08324799
; Patent No. 5696195
; GENERAL INFORMATION:
; APPLICANT: Lee, Junning
; APPLICANT: Vilcek, Jan
; APPLICANT: Daddona, Peter E.
; APPLICANT: Ghayeb, John
; APPLICANT: Knight, David M.
; APPLICANT: Siegel, Scott A.
; TITLE OF INVENTION: ANTI-TNF ANTIBODIES AND PEPTIDES
; TITLE OF INVENTION: OF HUMAN TUMOR NECROSIS FACTOR
; NUMBER OF SEQUENCES: 19
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C.
; CITY: Lexington
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02173
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: Patent in Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/324,799
; FILING DATE: 18-OCT-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/192,093
; FILING DATE: 04-FEB-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/192,102
; FILING DATE: 04-FEB-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/192,861
; FILING DATE: 04-FEB-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/013,413
; FILING DATE: 02-FEB-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/010,406
; FILING DATE: 29-JAN-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/943,852
; FILING DATE: 11-SEP-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/853,606
; FILING DATE: 18-MAR-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Brook, David E.
; REGISTRATION NUMBER: 22,592
; REFERENCE/DOCKET NUMBER: NYU93-01M4
; TELEPHONE: (617) 861-6240
; TELEFAX: (617) 861-9540
; INFORMATION FOR SEQ ID NO: 15:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MEDIUM TYPE: cDNA

Query Match      0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 7.6;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      835 TTGTGCTACCCAGATT 852
Db      18 TTGTGCTACCCAGATT 1

RESULT 12
US-08-192-861A-15/c
; Sequence 15, Application US/08192861A
; Patent No. 5919452
; GENERAL INFORMATION:
; APPLICANT: Lee, Junning
; APPLICANT: Vilcek, Jan
; APPLICANT: Daddona, Peter E.
; APPLICANT: Ghayeb, John
; APPLICANT: Knight, David M.
; APPLICANT: Siegel, Scott A.
; TITLE OF INVENTION: METHODS OF TREATING TNF-MEDIATED DISEASE USING
; TITLE OF INVENTION: CHIMERIC ANTI-TNF ANTIBODIES (As Amended)
; NUMBER OF SEQUENCES: 19
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C.
; CITY: Lexington
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02173
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: Patent in Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/192,861A
; FILING DATE: 04-FEB-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/013,413
; FILING DATE: 02-FEB-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/010,406
; FILING DATE: 29-JAN-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/943,852
; FILING DATE: 11-SEP-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/853,606
; FILING DATE: 18-MAR-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Brook, David E.
; REGISTRATION NUMBER: 22,592
; REFERENCE/DOCKET NUMBER: NYU93-01M2
; TELEPHONE: (781) 861-6240
; TELEFAX: (781) 861-9540
; INFORMATION FOR SEQ ID NO: 15:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MEDIUM TYPE: cDNA
```

US-08-192-861A-15

Query Match 0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 7.6;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 835 TTGTGCTACCCAGATT 852
Db 18 TTGTGCTACCCAGATT 1

RESULT 13

US-09-106-038A-47/C
Sequence 47, Application US/09106038A
Patent No. 6007995

GENERAL INFORMATION:
APPLICANT: Brenda F. Baker and Lex M. Cowser
TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 91
CORRESPONDENCE ADDRESS:
ADDRESSEE: Isis Pharmaceuticals, Inc.
STREET: 2292 Faraday Avenue
CITY: Carlsbad
STATE: CA
COUNTRY: U.S.A.
ZIP: 92008

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
COMPUTER: IBM PC compatible
OPERATING SYSTEM: Windows NT
SOFTWARE: Microsoft Word 97
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/106,038A
FILING DATE: June 26, 1998
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Laurel Spear Bernstein
REGISTRATION NUMBER: 37,280
REFERENCE/DOCKET NUMBER: RTS-0004
TELEPHONE: (760) 931-9200
TELEFAX: (760) 603-3820
INFORMATION FOR SEQ ID NO: 47:
SEQUENCE CHARACTERISTICS:
LENGTH: 18
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

US-09-106-038A-47

Query Match 0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 7.6;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 732 GGAGAACAGAACCCGT 749
Db 18 GGAGAACAGAACCCGT 1

RESULT 14

US-09-106-038A-48/C
Sequence 48, Application US/09106038A
Patent No. 6007995

GENERAL INFORMATION:
APPLICANT: Brenda F. Baker and Lex M. Cowser
TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 91
CORRESPONDENCE ADDRESS:
ADDRESSEE: Isis Pharmaceuticals, Inc.
STREET: 2292 Faraday Avenue
CITY: Carlsbad

STATE: CA
COUNTRY: U.S.A.
ZIP: 92008

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
COMPUTER: IBM PC compatible
OPERATING SYSTEM: Windows NT
SOFTWARE: Microsoft Word 97
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/106,038A
FILING DATE: June 26, 1998
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Laurel Spear Bernstein
REGISTRATION NUMBER: 37,280
REFERENCE/DOCKET NUMBER: RTS-0004
TELEPHONE: (760) 931-9200
TELEFAX: (760) 603-3820
INFORMATION FOR SEQ ID NO: 48:
SEQUENCE CHARACTERISTICS:
LENGTH: 18
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

US-09-106-038A-48

Query Match 0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 7.6;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 786 CGAGTGTCTCTCCGTAG 803
Db 18 CGAGTGTCTCTCCGTAG 1

RESULT 15

US-09-106-038A-49/C
Sequence 49, Application US/09106038A
Patent No. 6007995

GENERAL INFORMATION:
APPLICANT: Brenda F. Baker and Lex M. Cowser
TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 91
CORRESPONDENCE ADDRESS:
ADDRESSEE: Isis Pharmaceuticals, Inc.
STREET: 2292 Faraday Avenue
CITY: Carlsbad
STATE: CA
COUNTRY: U.S.A.
ZIP: 92008

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
COMPUTER: IBM PC compatible
OPERATING SYSTEM: Windows NT
SOFTWARE: Microsoft Word 97
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/106,038A
FILING DATE: June 26, 1998
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Laurel Spear Bernstein
REGISTRATION NUMBER: 37,280
REFERENCE/DOCKET NUMBER: RTS-0004
TELEPHONE: (760) 931-9200
TELEFAX: (760) 603-3820
INFORMATION FOR SEQ ID NO: 49:
SEQUENCE CHARACTERISTICS:
LENGTH: 18
TYPE: nucleic acid
STRANDEDNESS: single

TOPOLOGY: linear	US-09-106-038A-49	Query Match	Best Local Similarity	Score 18;	DB 1;	Length 18;	Mismatches	Indels	Gaps
796 TCCTGTACTACTGTAAAG 813	18 TCCTGTACTACTGTAAAG 1	0.8%; Score 18;	100.0%; Pred. No. 7.6;	0;	0;	0;	0;	0;	0;
US-09-106-038A-50/c	US-09-106-038A-50/c	Sequence 50, Application US/09106038A	Sequence 50, Application US/09106038A	Patent No. 6007995	Patent No. 6007995	GENERAL INFORMATION:	GENERAL INFORMATION:	APPLICANT: Brenda F. Baker and Lex M. Cowser	APPLICANT: Brenda F. Baker and Lex M. Cowser
TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1	TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1	TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1	TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1	TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1	TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1	TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1	TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1	TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1	TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1
NUMBER OF SEQUENCES: 91	NUMBER OF SEQUENCES: 91	NUMBER OF SEQUENCES: 91	NUMBER OF SEQUENCES: 91	NUMBER OF SEQUENCES: 91	NUMBER OF SEQUENCES: 91	NUMBER OF SEQUENCES: 91	NUMBER OF SEQUENCES: 91	NUMBER OF SEQUENCES: 91	NUMBER OF SEQUENCES: 91
CORRESPONDENCE ADDRESS:	CORRESPONDENCE ADDRESS:	CORRESPONDENCE ADDRESS:	CORRESPONDENCE ADDRESS:	CORRESPONDENCE ADDRESS:	CORRESPONDENCE ADDRESS:	CORRESPONDENCE ADDRESS:	CORRESPONDENCE ADDRESS:	CORRESPONDENCE ADDRESS:	CORRESPONDENCE ADDRESS:
ADDRESSEE: Isis Pharmaceuticals, Inc.	ADDRESSEE: Isis Pharmaceuticals, Inc.	ADDRESSEE: Isis Pharmaceuticals, Inc.	ADDRESSEE: Isis Pharmaceuticals, Inc.	ADDRESSEE: Isis Pharmaceuticals, Inc.	ADDRESSEE: Isis Pharmaceuticals, Inc.	ADDRESSEE: Isis Pharmaceuticals, Inc.	ADDRESSEE: Isis Pharmaceuticals, Inc.	ADDRESSEE: Isis Pharmaceuticals, Inc.	ADDRESSEE: Isis Pharmaceuticals, Inc.
STREET: 2292 Faraday Avenue	STREET: 2292 Faraday Avenue	STREET: 2292 Faraday Avenue	STREET: 2292 Faraday Avenue	STREET: 2292 Faraday Avenue	STREET: 2292 Faraday Avenue	STREET: 2292 Faraday Avenue	STREET: 2292 Faraday Avenue	STREET: 2292 Faraday Avenue	STREET: 2292 Faraday Avenue
CITY: Carlsbad	CITY: Carlsbad	CITY: Carlsbad	CITY: Carlsbad	CITY: Carlsbad	CITY: Carlsbad	CITY: Carlsbad	CITY: Carlsbad	CITY: Carlsbad	CITY: Carlsbad
STATE: CA	STATE: CA	STATE: CA	STATE: CA	STATE: CA	STATE: CA	STATE: CA	STATE: CA	STATE: CA	STATE: CA
COUNTRY: U.S.A.	COUNTRY: U.S.A.	COUNTRY: U.S.A.	COUNTRY: U.S.A.	COUNTRY: U.S.A.	COUNTRY: U.S.A.	COUNTRY: U.S.A.	COUNTRY: U.S.A.	COUNTRY: U.S.A.	COUNTRY: U.S.A.
ZIP: 92008	ZIP: 92008	ZIP: 92008	ZIP: 92008	ZIP: 92008	ZIP: 92008	ZIP: 92008	ZIP: 92008	ZIP: 92008	ZIP: 92008
COMPUTER READABLE FORM:	COMPUTER READABLE FORM:	COMPUTER READABLE FORM:	COMPUTER READABLE FORM:	COMPUTER READABLE FORM:	COMPUTER READABLE FORM:	COMPUTER READABLE FORM:	COMPUTER READABLE FORM:	COMPUTER READABLE FORM:	COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch disk, 1.44 Mb	MEDIUM TYPE: 3.5 inch disk, 1.44 Mb	MEDIUM TYPE: 3.5 inch disk, 1.44 Mb	MEDIUM TYPE: 3.5 inch disk, 1.44 Mb	MEDIUM TYPE: 3.5 inch disk, 1.44 Mb	MEDIUM TYPE: 3.5 inch disk, 1.44 Mb	MEDIUM TYPE: 3.5 inch disk, 1.44 Mb	MEDIUM TYPE: 3.5 inch disk, 1.44 Mb	MEDIUM TYPE: 3.5 inch disk, 1.44 Mb	MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
COMPUTER: IBM PC compatible	COMPUTER: IBM PC compatible	COMPUTER: IBM PC compatible	COMPUTER: IBM PC compatible	COMPUTER: IBM PC compatible	COMPUTER: IBM PC compatible	COMPUTER: IBM PC compatible	COMPUTER: IBM PC compatible	COMPUTER: IBM PC compatible	COMPUTER: IBM PC compatible
OPERATING SYSTEM: Windows NT	OPERATING SYSTEM: Windows NT	OPERATING SYSTEM: Windows NT	OPERATING SYSTEM: Windows NT	OPERATING SYSTEM: Windows NT	OPERATING SYSTEM: Windows NT	OPERATING SYSTEM: Windows NT	OPERATING SYSTEM: Windows NT	OPERATING SYSTEM: Windows NT	OPERATING SYSTEM: Windows NT
SOFTWARE: Microsoft Word 97	SOFTWARE: Microsoft Word 97	SOFTWARE: Microsoft Word 97	SOFTWARE: Microsoft Word 97	SOFTWARE: Microsoft Word 97	SOFTWARE: Microsoft Word 97	SOFTWARE: Microsoft Word 97	SOFTWARE: Microsoft Word 97	SOFTWARE: Microsoft Word 97	SOFTWARE: Microsoft Word 97
CURRENT APPLICATION DATA:	CURRENT APPLICATION DATA:	CURRENT APPLICATION DATA:	CURRENT APPLICATION DATA:	CURRENT APPLICATION DATA:	CURRENT APPLICATION DATA:	CURRENT APPLICATION DATA:	CURRENT APPLICATION DATA:	CURRENT APPLICATION DATA:	CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/106.038A	APPLICATION NUMBER: US/09/106.038A	APPLICATION NUMBER: US/09/106.038A	APPLICATION NUMBER: US/09/106.038A	APPLICATION NUMBER: US/09/106.038A	APPLICATION NUMBER: US/09/106.038A	APPLICATION NUMBER: US/09/106.038A	APPLICATION NUMBER: US/09/106.038A	APPLICATION NUMBER: US/09/106.038A	APPLICATION NUMBER: US/09/106.038A
FILING DATE: June 26, 1998	FILING DATE: June 26, 1998	FILING DATE: June 26, 1998	FILING DATE: June 26, 1998	FILING DATE: June 26, 1998	FILING DATE: June 26, 1998	FILING DATE: June 26, 1998	FILING DATE: June 26, 1998	FILING DATE: June 26, 1998	FILING DATE: June 26, 1998
CLASSIFICATION: 514	CLASSIFICATION: 514	CLASSIFICATION: 514	CLASSIFICATION: 514	CLASSIFICATION: 514	CLASSIFICATION: 514	CLASSIFICATION: 514	CLASSIFICATION: 514	CLASSIFICATION: 514	CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:	ATTORNEY/AGENT INFORMATION:	ATTORNEY/AGENT INFORMATION:	ATTORNEY/AGENT INFORMATION:	ATTORNEY/AGENT INFORMATION:	ATTORNEY/AGENT INFORMATION:	ATTORNEY/AGENT INFORMATION:	ATTORNEY/AGENT INFORMATION:	ATTORNEY/AGENT INFORMATION:	ATTORNEY/AGENT INFORMATION:
NAME: Laurel Spear Bernstein	NAME: Laurel Spear Bernstein	NAME: Laurel Spear Bernstein	NAME: Laurel Spear Bernstein	NAME: Laurel Spear Bernstein	NAME: Laurel Spear Bernstein	NAME: Laurel Spear Bernstein	NAME: Laurel Spear Bernstein	NAME: Laurel Spear Bernstein	NAME: Laurel Spear Bernstein
REGISTRATION NUMBER: 37,280	REGISTRATION NUMBER: 37,280	REGISTRATION NUMBER: 37,280	REGISTRATION NUMBER: 37,280	REGISTRATION NUMBER: 37,280	REGISTRATION NUMBER: 37,280	REGISTRATION NUMBER: 37,280	REGISTRATION NUMBER: 37,280	REGISTRATION NUMBER: 37,280	REGISTRATION NUMBER: 37,280
REFERENCE/DOCKET NUMBER: RTS-0004	REFERENCE/DOCKET NUMBER: RTS-0004	REFERENCE/DOCKET NUMBER: RTS-0004	REFERENCE/DOCKET NUMBER: RTS-0004	REFERENCE/DOCKET NUMBER: RTS-0004	REFERENCE/DOCKET NUMBER: RTS-0004	REFERENCE/DOCKET NUMBER: RTS-0004	REFERENCE/DOCKET NUMBER: RTS-0004	REFERENCE/DOCKET NUMBER: RTS-0004	REFERENCE/DOCKET NUMBER: RTS-0004
TELEPHONE: (760) 931-9200	TELEPHONE: (760) 931-9200	TELEPHONE: (760) 931-9200	TELEPHONE: (760) 931-9200	TELEPHONE: (760) 931-9200	TELEPHONE: (760) 931-9200	TELEPHONE: (760) 931-9200	TELEPHONE: (760) 931-9200	TELEPHONE: (760) 931-9200	TELEPHONE: (760) 931-9200
TELEFAX: (760) 603-3820	TELEFAX: (760) 603-3820	TELEFAX: (760) 603-3820	TELEFAX: (760) 603-3820	TELEFAX: (760) 603-3820	TELEFAX: (760) 603-3820	TELEFAX: (760) 603-3820	TELEFAX: (760) 603-3820	TELEFAX: (760) 603-3820	TELEFAX: (760) 603-3820
LENGTH: 18	LENGTH: 18	LENGTH: 18	LENGTH: 18	LENGTH: 18	LENGTH: 18	LENGTH: 18	LENGTH: 18	LENGTH: 18	LENGTH: 18
TYPE: nucleic acid	TYPE: nucleic acid	TYPE: nucleic acid							


```

; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-106-038A-55

Query Match 0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred.No. 7.6;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 911 TCTTTGGTCCTTGGCTTT 928
Db 18 TCTTTGGTCCTTGGCTTT 1

RESULT 22
US-09-106-038A-56/c
; Sequence 56, Application US/09106038A
; Patent No. 6007995
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker and Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1
; NUMBER OF SEQUENCES: 91
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Isis Pharmaceuticals, Inc.
; STREET: 2292 Faraday Avenue
; CITY: Carlsbad
; STATE: CA
; COUNTRY: U.S.A.
; ZIP: 92008
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: Windows NT
; SOFTWARE: Microsoft Word 97
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/106.038A
; FILING DATE: June 26, 1998
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Laurel Spear Bernstein
; REGISTRATION NUMBER: 37,280
; REFERENCE/DOCKET NUMBER: RTS-0004
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (760) 931-9200
; TELEFAX: (760) 603-3820
; INFORMATION FOR SEQ ID NO: 56:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-106-038A-56

Query Match 0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred.No. 7.6;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 921 TTGCGCTTTTATCCCTCT 938
Db 18 TTGCGCTTTTATCCCTCT 1

RESULT 23
US-09-106-038A-57/c
; Sequence 57, Application US/09106038A
; Patent No. 6007995
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker and Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1
; NUMBER OF SEQUENCES: 91
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Isis Pharmaceuticals, Inc.
; STREET: 2292 Faraday Avenue
; CITY: Carlsbad
; STATE: CA
; COUNTRY: U.S.A.
; ZIP: 92008
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: Windows NT
; SOFTWARE: Microsoft Word 97
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/106.038A
; FILING DATE: June 26, 1998
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Laurel Spear Bernstein
; REGISTRATION NUMBER: 37,280
; REFERENCE/DOCKET NUMBER: RTS-0004
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (760) 931-9200
; TELEFAX: (760) 603-3820
; INFORMATION FOR SEQ ID NO: 57:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-106-038A-56

Query Match 0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred.No. 7.6;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 929 TATCCCTCTCTTCATTG 946
Db 18 TATCCCTCTCTTCATTG 1

RESULT 24
US-09-106-038A-58/c
; Sequence 58, Application US/09106038A
; Patent No. 6007995
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker and Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1
; NUMBER OF SEQUENCES: 91
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Isis Pharmaceuticals, Inc.
; STREET: 2292 Faraday Avenue
; CITY: Carlsbad
; STATE: CA
; COUNTRY: U.S.A.
; ZIP: 92008
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: Windows NT
; SOFTWARE: Microsoft Word 97
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/106.038A
; FILING DATE: June 26, 1998
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Laurel Spear Bernstein
; REGISTRATION NUMBER: 37,280
; REFERENCE/DOCKET NUMBER: RTS-0004
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (760) 931-9200
; TELEFAX: (760) 603-3820
; INFORMATION FOR SEQ ID NO: 58:
; SEQUENCE CHARACTERISTICS:

```

```
; LENGTH: 18
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-106-038A-58

Query Match      0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 7.6;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 935 TCCTCTTCATTCGTTTAA 952
Db 18 TCCTCTTCATTCGTTTAA 1

RESULT 25
US-09-106-038A-59/c
Sequence 59, Application US/09106038A
Patent No. 6007995
GENERAL INFORMATION:
APPLICANT: Brenda F. Baker and Lex M. Cowser
TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 91
CORRESPONDENCE ADDRESS:
ADDRESSEE: Isis Pharmaceuticals, Inc.
STREET: 2292 Faraday Avenue
CITY: Carlsbad
STATE: CA
COUNTRY: U.S.A.
ZIP: 92008
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
COMPUTER: IBM PC compatible
OPERATING SYSTEM: Windows NT
SOFTWARE: Microsoft Word 97
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/106,038A
FILING DATE: June 26, 1998
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Laurel Spear Bernstein
REGISTRATION NUMBER: 37,280
REFERENCE/DOCKET NUMBER: RTS-0004
TELEPHONE: (760) 931-9200
TELEFAX: (760) 603-3820
INFORMATION FOR SEQ ID NO: 59:
LENGTH: 18
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-106-038A-60

Query Match      0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 7.6;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 992 TTGTTTCTGGGAATCGA 1009
Db 18 TTGTTTCTGGGAATCGA 1

RESULT 27
US-09-106-038A-61/c
Sequence 61, Application US/09106038A
Patent No. 6007995
GENERAL INFORMATION:
APPLICANT: Brenda F. Baker and Lex M. Cowser
TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 91
CORRESPONDENCE ADDRESS:
ADDRESSEE: Isis Pharmaceuticals, Inc.
STREET: 2292 Faraday Avenue
CITY: Carlsbad
STATE: CA
COUNTRY: U.S.A.
ZIP: 92008
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
COMPUTER: IBM PC compatible
OPERATING SYSTEM: Windows NT
SOFTWARE: Microsoft Word 97
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/106,038A
FILING DATE: June 26, 1998
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Laurel Spear Bernstein
REGISTRATION NUMBER: 37,280
REFERENCE/DOCKET NUMBER: RTS-0004
TELEPHONE: (760) 931-9200
TELEFAX: (760) 603-3820
INFORMATION FOR SEQ ID NO: 61:
```



```
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-106-038A-61

Query Match          0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 7.6; Mismatches 0; Indels 0; Gaps 0;
Matches 18; Conservative 0;

QY 1033 GAAGGAAGTACTACTAAG 1050
Db 18 GAAGGAAGTACTACTAAG 1

RESULT 28
US-09-106-038A-62/c
; Sequence 62, Application US/09106038A
; Patent No. 6007995
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker and Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1
; NUMBER OF SEQUENCES: 91
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Isis Pharmaceuticals, Inc.
; STREET: 2292 Faraday Avenue
; CITY: Carlsbad
; STATE: CA
; COUNTRY: U.S.A.
; ZIP: 92008
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: Windows NT
; SOFTWARE: Microsoft Word 97
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/106,038A
; FILING DATE: June 26, 1998
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Laurel Spear Bernstein
; REGISTRATION NUMBER: 37,280
; REFERENCE/DOCKET NUMBER: RTS-0004
; TELEPHONE: (760) 931-9200
; TELEFAX: (760) 603-3820
; INFORMATION FOR SEQ ID NO: 62:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-106-038A-63

Query Match          0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 7.6; Mismatches 0; Indels 0; Gaps 0;
Matches 18; Conservative 0;

QY 1098 CACCTGGGCTTCAGTCC 1115
Db 18 CACCTGGGCTTCAGTCC 1

RESULT 30
US-09-106-038A-64/c
; Sequence 64, Application US/09106038A
; Patent No. 6007995
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker and Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1
; NUMBER OF SEQUENCES: 91
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Isis Pharmaceuticals, Inc.
; STREET: 2292 Faraday Avenue
; CITY: Carlsbad
; STATE: CA
; COUNTRY: U.S.A.
; ZIP: 92008
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: Windows NT
; SOFTWARE: Microsoft Word 97
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/106,038A
; FILING DATE: June 26, 1998
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Laurel Spear Bernstein
; REGISTRATION NUMBER: 37,280
; REFERENCE/DOCKET NUMBER: RTS-0004
; TELEPHONE: (760) 931-9200
; TELEFAX: (760) 603-3820
; INFORMATION FOR SEQ ID NO: 62:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-106-038A-62

Query Match          0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 7.6; Mismatches 0; Indels 0; Gaps 0;
Matches 18; Conservative 0;

QY 1075 AGTCCCACTCCAGGCTTC 1092
Db 18 AGTCCCACTCCAGGCTTC 1

RESULT 29
US-09-106-038A-63/c
; Sequence 63, Application US/09106038A
; Patent No. 6007995
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker and Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1
```

; INFORMATION FOR SEQ ID NO: 64:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-106-038A-64

Query Match 0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 7.6;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1113 TCCCGTGCCAGTTCAC 1130
Db 18 TCCCGTGCCAGTTCAC 1

RESULT 31

US-09-106-038A-65/c
; Sequence 65, Application US/09106038A
; Patent No. 6007995

; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker and Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1
; NUMBER OF SEQUENCES: 91
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Isis Pharmaceuticals, Inc.
; STREET: 2292 Faraday Avenue
; CITY: Carlsbad
; STATE: CA
; COUNTRY: U.S.A.
; ZIP: 92008

; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: Windows NT
; SOFTWARE: Microsoft Word 97
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/106,038A
; FILING DATE: June 26, 1998
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Laurel Spear Bernstein
; REGISTRATION NUMBER: 37,280
; REFERENCE/DOCKET NUMBER: RTS-0004
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (760) 931-9200
; TELEFAX: (760) 603-3820
; INFORMATION FOR SEQ ID NO: 65:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-106-038A-65

Query Match 0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 7.6;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1118 TGCCAGTTCACCTTCA 1135
Db 18 TGCCAGTTCACCTTCA 1

RESULT 32

US-09-106-038A-66/c
; Sequence 66, Application US/09106038A
; Patent No. 6007995

; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker and Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1

; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 91
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Isis Pharmaceuticals, Inc.
; STREET: 2292 Faraday Avenue
; CITY: Carlsbad
; STATE: CA
; COUNTRY: U.S.A.
; ZIP: 92008

; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: Windows NT
; SOFTWARE: Microsoft Word 97
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/106,038A
; FILING DATE: June 26, 1998
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Laurel Spear Bernstein
; REGISTRATION NUMBER: 37,280
; REFERENCE/DOCKET NUMBER: RTS-0004
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (760) 931-9200
; TELEFAX: (760) 603-3820
; INFORMATION FOR SEQ ID NO: 66:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-106-038A-66

Query Match 0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 7.6;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1127 CCACCTTCACCTCCAGCT 1144
Db 18 CCACCTTCACCTCCAGCT 1

RESULT 33

US-09-106-038A-67/c
; Sequence 67, Application US/09106038A
; Patent No. 6007995

; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker and Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1
; NUMBER OF SEQUENCES: 91
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Isis Pharmaceuticals, Inc.
; STREET: 2292 Faraday Avenue
; CITY: Carlsbad
; STATE: CA
; COUNTRY: U.S.A.
; ZIP: 92008

; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: Windows NT
; SOFTWARE: Microsoft Word 97
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/106,038A
; FILING DATE: June 26, 1998
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Laurel Spear Bernstein
; REGISTRATION NUMBER: 37,280
; REFERENCE/DOCKET NUMBER: RTS-0004
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (760) 931-9200

```
/
/ TELEFAX: (760) 603-3820
/ INFORMATION FOR SEQ ID NO: 67:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 18
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/
US-09-106-038A-67
/
Query Match 0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 7.6;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1162 GACTGTCCCAACTTTGGC 1179
Db 18 GACTGTCCCAACTTTGGC 1

RESULT 34
US-09-106-038A-68/c
/ Sequence 68, Application US/09106038A
/ Patent No. 6007995
/ GENERAL INFORMATION:
/ APPLICANT: Brenda F. Baker and Lex M. Cowseert
/ TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1
/ NUMBER OF SEQUENCES: 91
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Isis Pharmaceuticals, Inc.
/ STREET: 2292 Faraday Avenue
/ CITY: Carlsbad
/ STATE: CA
/ COUNTRY: U.S.A.
/ ZIP: 92008
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: Windows NT
/ SOFTWARE: Microsoft Word 97
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/106,038A
/ FILING DATE: June 26, 1998
/ CLASSIFICATION: 514
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Laurel Spear Bernstein
/ REGISTRATION NUMBER: 37,280
/ REFERENCE/DOCKET NUMBER: RTS-0004
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (760) 931-9200
/ TELEFAX: (760) 603-3820
/ INFORMATION FOR SEQ ID NO: 68:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 18
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/
US-09-106-038A-68
/
Query Match 0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 7.6;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1184 CCCGACAGAGTGTCAC 1201
Db 18 CCCGACAGAGTGTCAC 1

RESULT 35
US-09-106-038A-69/c
/ Sequence 69, Application US/09106038A
/ Patent No. 6007995
/ GENERAL INFORMATION:
/ APPLICANT: Brenda F. Baker and Lex M. Cowseert
/ TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1
/ NUMBER OF SEQUENCES: 91
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Isis Pharmaceuticals, Inc.
/ STREET: 2292 Faraday Avenue
/ CITY: Carlsbad
/ STATE: CA
/ COUNTRY: U.S.A.
/ ZIP: 92008
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: Windows NT
/ SOFTWARE: Microsoft Word 97
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/106,038A
/ FILING DATE: June 26, 1998
/ CLASSIFICATION: 514
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Laurel Spear Bernstein
/ REGISTRATION NUMBER: 37,280
/ REFERENCE/DOCKET NUMBER: RTS-0004
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (760) 931-9200
/ TELEFAX: (760) 603-3820
/ INFORMATION FOR SEQ ID NO: 69:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 18
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/
US-09-106-038A-69
/
Query Match 0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 7.6;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1269 TCAGAAAGTGGAGGACAG 1286
Db 18 TCAGAAAGTGGAGGACAG 1

RESULT 36
US-09-106-038A-70/c
/ Sequence 70, Application US/09106038A
/ Patent No. 6007995
/ GENERAL INFORMATION:
/ APPLICANT: Brenda F. Baker and Lex M. Cowseert
/ TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1
/ NUMBER OF SEQUENCES: 91
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Isis Pharmaceuticals, Inc.
/ STREET: 2292 Faraday Avenue
/ CITY: Carlsbad
/ STATE: CA
/ COUNTRY: U.S.A.
/ ZIP: 92008
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: Windows NT
/ SOFTWARE: Microsoft Word 97
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/106,038A
/ FILING DATE: June 26, 1998
/ CLASSIFICATION: 514
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Laurel Spear Bernstein
/ REGISTRATION NUMBER: 37,280
/ REFERENCE/DOCKET NUMBER: RTS-0004
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (760) 931-9200
/ TELEFAX: (760) 603-3820
/ INFORMATION FOR SEQ ID NO: 70:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 18
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/
US-09-106-038A-70
```

TELEPHONE: (760) 931-9200
TELEFAX: (760) 603-3820
INFORMATION FOR SEQ ID NO: 70:
SEQUENCE CHARACTERISTICS:
LENGTH: 18
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-106-038A-70

Query Match 0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred.No. 7.6;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1290 CCACAAGCCACAGAGCCT 1307
Db 18 CCACAAGCCACAGAGCCT 1

RESULT 37

US-09-133-119-15/c
; Sequence 15, Application US/09133119
; Patent No. 6277969
; GENERAL INFORMATION:
; APPLICANT: Le, Junming
; APPLICANT: Vilcek, Jan
; APPLICANT: Daddona, Peter E.
; APPLICANT: Grayeb, John
; APPLICANT: Knight, David M.
; APPLICANT: Siegel, Scott A.
; TITLE OF INVENTION: ANTI-TNF ANTIBODIES AND PEPTIDES
; TITLE OF INVENTION: OF HUMAN TUMOR NECROSIS FACTOR
; NUMBER OF SEQUENCES: 19
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C.
; STREET: Two Militia Drive
; CITY: Lexington
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02173
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/133,119
; FILING DATE:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/570,674
; FILING DATE: 11-DEC-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/324,799
; FILING DATE: 18-OCT-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/192,093
; FILING DATE: 04-FEB-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/192,102
; FILING DATE: 04-FEB-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/192,861
; FILING DATE: 04-FEB-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/013,413
; FILING DATE: 02-FEB-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/010,406
; FILING DATE: 29-JAN-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/943,852
; FILING DATE: 11-SEP-1992
; PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 07/853,606
FILING DATE: 18-MAR-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/670,827
FILING DATE: 18-MAR-1991
ATTORNEY/AGENT INFORMATION:
NAME: Brook, David E.
REGISTRATION NUMBER: 22,592
REFERENCE/DOCKET NUMBER: NYU93-01M4A
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 861-6240
TELEFAX: (617) 861-9540
INFORMATION FOR SEQ ID NO: 15:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA
US-09-133-119-15

Query Match 0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred.No. 7.6;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 835 TTGTGCTACCCAGATT 852
Db 18 TTGTGCTACCCAGATT 1

RESULT 38

US-08-192-093A-15/c
; Sequence 15, Application US/08192093A
; Patent No. 6284471
; GENERAL INFORMATION:
; APPLICANT: Le, Junming
; APPLICANT: Vilcek, Jan
; APPLICANT: Daddona, Peter E.
; APPLICANT: Grayeb, John
; APPLICANT: Knight, David M.
; APPLICANT: Siegel, Scott A.
; TITLE OF INVENTION: ANTI-TNF ANTIBODIES AND ASSAYS EMPLOYING
; TITLE OF INVENTION: ANTI-TNF ANTIBODIES
; NUMBER OF SEQUENCES: 19
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C.
; STREET: Two Militia Drive
; CITY: Lexington
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02173
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/192,093A
; FILING DATE: 04-FEB-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/013,413
; FILING DATE: 02-FEB-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/010,406
; FILING DATE: 29-JAN-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/943,852
; FILING DATE: 11-SEP-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/853,606
; FILING DATE: 18-MAR-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/670,827

```

; FILING DATE: 18-MAR-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Brook, David E.
; REGISTRATION NUMBER: 22,592
; REFERENCE/DOCKET NUMBER: NYU93-01M3
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 861-6240
; TELEFAX: (617) 861-9540
; INFORMATION FOR SEQ ID NO: 15:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
US-08-192-033A-15

Query Match 0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 7.6;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 835 TTGTGCTTACCCGAGTT 852
DB 18 TTGTGCTTACCCGAGTT 1

RESULT 39
US-09-106-038A-24/C
; Sequence 24, Application US/09106038A
; Patent No. 6007995
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker and Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1
; REFERENCE/DOCKET NUMBER: EXPRESSION
; NUMBER OF SEQUENCES: 91
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Isis Pharmaceuticals, Inc.
; STREET: 2292 Faraday Avenue
; CITY: Carlsbad
; STATE: CA
; COUNTRY: U.S.A.
; ZIP: 92008
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: Windows NT
; SOFTWARE: Microsoft Word 97
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/106,038A
; FILING DATE: June 26, 1998
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Laurel Spear Bernstein
; REGISTRATION NUMBER: 37,280
; REFERENCE/DOCKET NUMBER: RTS-0004
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (760) 931-9200
; TELEFAX: (760) 603-3820
; INFORMATION FOR SEQ ID NO: 24:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-106-038A-24

Query Match 0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 7.6;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 280 CTGCTGCTCCCGCTGGTG 297
DB 18 CTGCTGCTCCCGCTGGTG 1
```

```

RESULT 40
US-08-697-610-11
; Sequence 11, Application US/08697610
; Patent No. 6172187
; GENERAL INFORMATION:
; APPLICANT: Reed, John C.
; APPLICANT: Sato, Takaaki
; TITLE OF INVENTION: CD40 Associated Proteins
; NUMBER OF SEQUENCES: 17
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Campbell and Flores
; STREET: 4370 La Jolla Village Drive, Suite 700
; CITY: San Diego
; STATE: California
; COUNTRY: USA
; ZIP: 92122
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/697,610
; FILING DATE:
; CLASSIFICATION: 530
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/349,357
; FILING DATE: 02-DEC-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Campbell, Cathryn A.
; REGISTRATION NUMBER: 31,815
; REFERENCE/DOCKET NUMBER: P-LJ 1203
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (619) 535-9001
; TELEFAX: (619) 535-8949
; INFORMATION FOR SEQ ID NO: 11:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-697-610-11

Query Match 0.8%; Score 18; DB 1; Length 24;
Best Local Similarity 100.0%; Pred. No. 19;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 958 CGCTACACGCGTGGAG 975
DB 7 CGCTACACGCGTGGAG 24

RESULT 41
US-08-349-357-11
; Sequence 11, Application US/08349357
; Patent No. 6265556
; GENERAL INFORMATION:
; APPLICANT: Reed, John C.
; APPLICANT: Sato, Takaaki
; TITLE OF INVENTION: CD40 Associated Proteins
; NUMBER OF SEQUENCES: 17
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Campbell and Flores
; STREET: 4370 La Jolla Village Drive, Suite 700
; CITY: San Diego
; STATE: California
; COUNTRY: USA
; ZIP: 92122
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
```

OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION NUMBER: US/08/349,357
APPLICATION DATE: 02-DEC-1994
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Campbell, Cathryn A.
REGISTRATION NUMBER: 31,815
REFERENCE/DOCKET NUMBER: P-LJ 1203
TELECOMMUNICATION INFORMATION:
TELEPHONE: (619) 535-9001
TELEFAX: (619) 535-8949
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
LENGTH: 24 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-349-357-11

Query Match 0.8%; Score 18; DB 1; Length 24;
Best Local Similarity 100.0%; Pred. No. 19;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 958 CGCTACCAACGGTGGAG 975
DB 7 CGCTACCAACGGTGGAG 24

RESULT 42
US-08-474-542A-150
Sequence 150, Application US/08474542A
Patent No. 5527898
GENERAL INFORMATION:
APPLICANT: Bauer, Heidi M.
APPLICANT: Gravitt, Patti E.
APPLICANT: Greer, Catherine E.
APPLICANT: Impraam, Chaka C.
APPLICANT: Manos, M. Michele
APPLICANT: Resnick, Robert M.
TITLE OF INVENTION: Detection of Human Papillomavirus by the
NUMBER OF SEQUENCES: 298
CORRESPONDENCE ADDRESS:
ADDRESSEE: Hoffmann-La Roche Inc.
STREET: 340 Kingsland Street
CITY: Nutley
STATE: New Jersey
COUNTRY: U.S.A.
ZIP: 07110
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION NUMBER: US/08/474,542A
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Petry, Douglas A.
REGISTRATION NUMBER: 35,321
REFERENCE/DOCKET NUMBER: 9234
TELECOMMUNICATION INFORMATION:
TELEPHONE: (510) 814-2974
TELEFAX: (510) 814-2977
INFORMATION FOR SEQ ID NO: 150:
SEQUENCE CHARACTERISTICS:
LENGTH: 23 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

MOLECULE TYPE: DNA (genomic)
US-08-474-542A-150
Query Match 0.8%; Score 17.8; DB 1; Length 23;
Best Local Similarity 90.5%; Pred. No. 19;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 1002 GAAATCGACACCTGAAAAAGA 1022
DB 3 GAAACCCACACCTGAAAAAGA 23
RESULT 43
US-08-474-542A-151
Sequence 151, Application US/08474542A
Patent No. 5527898
GENERAL INFORMATION:
APPLICANT: Bauer, Heidi M.
APPLICANT: Gravitt, Patti E.
APPLICANT: Greer, Catherine E.
APPLICANT: Impraam, Chaka C.
APPLICANT: Manos, M. Michele
APPLICANT: Resnick, Robert M.
TITLE OF INVENTION: Detection of Human Papillomavirus by the
NUMBER OF SEQUENCES: 298
CORRESPONDENCE ADDRESS:
ADDRESSEE: Hoffmann-La Roche Inc.
STREET: 340 Kingsland Street
CITY: Nutley
STATE: New Jersey
COUNTRY: U.S.A.
ZIP: 07110
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION NUMBER: US/08/474,542A
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Petry, Douglas A.
REGISTRATION NUMBER: 35,321
REFERENCE/DOCKET NUMBER: 9234
TELECOMMUNICATION INFORMATION:
TELEPHONE: (510) 814-2974
TELEFAX: (510) 814-2977
INFORMATION FOR SEQ ID NO: 151:
SEQUENCE CHARACTERISTICS:
LENGTH: 23 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-474-542A-151
Query Match 0.8%; Score 17.8; DB 1; Length 23;
Best Local Similarity 90.5%; Pred. No. 19;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 1002 GAAATCGACACCTGAAAAAGA 1022
DB 2 GAAACCCACACCTGAAAAAGA 22
RESULT 44
US-08-457-648-150
Sequence 150, Application US/08457648
Patent No. 5639871
GENERAL INFORMATION:
APPLICANT: Bauer, Heidi M.

APPLICANT: Gravitt, Patti E.
APPLICANT: Greer, Catherine E.
APPLICANT: Impraia, Chaka C.
APPLICANT: Manos, M. Michele
APPLICANT: Resnick, Robert M.
TITLE OF INVENTION: Detection of Human Papillomavirus by the
TITLE OF INVENTION: Polymerase Chain Reaction
NUMBER OF SEQUENCES: 298
CORRESPONDENCE ADDRESS:
ADDRESSEE: Hoffmann-La Roche Inc.
STREET: 340 Kingsland Street
CITY: Nutley
STATE: New Jersey
COUNTRY: U.S.A.
ZIP: 07110

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/457,648

FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Petry, Douglas A.
REGISTRATION NUMBER: 35,321
REFERENCE/DOCKET NUMBER: 9205
TELECOMMUNICATION INFORMATION:
TELEPHONE: (510) 814-2974
TELEFAX: (510) 814-2977
INFORMATION FOR SEQ ID NO: 150:
SEQUENCE CHARACTERISTICS:
LENGTH: 23 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-457-648-150

Query Match 0.8%; Score 17.8; DB 1; Length 23;
Best Local Similarity 90.5%; Pred. No. 19;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1002 GAAATCGACACCTGAAAAGA 1022
Db 3 GAAACCCACACCTGAAAAGA 23

RESULT 45
US-08-457-648-151
Sequence 151, Application US/08457648
Patent No. 5639871
GENERAL INFORMATION:
APPLICANT: Bauer, Heidi M.
APPLICANT: Gravitt, Patti E.
APPLICANT: Greer, Catherine E.
APPLICANT: Impraia, Chaka C.
APPLICANT: Manos, M. Michele
APPLICANT: Resnick, Robert M.
TITLE OF INVENTION: Detection of Human Papillomavirus by the
TITLE OF INVENTION: Polymerase Chain Reaction
NUMBER OF SEQUENCES: 298
CORRESPONDENCE ADDRESS:
ADDRESSEE: Hoffmann-La Roche Inc.
STREET: 340 Kingsland Street
CITY: Nutley
STATE: New Jersey
COUNTRY: U.S.A.
ZIP: 07110
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/457,648
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Petry, Douglas A.
REGISTRATION NUMBER: 35,321
REFERENCE/DOCKET NUMBER: 9205
TELECOMMUNICATION INFORMATION:
TELEPHONE: (510) 814-2974
TELEFAX: (510) 814-2977
INFORMATION FOR SEQ ID NO: 151:
SEQUENCE CHARACTERISTICS:
LENGTH: 23 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-457-648-151

Query Match 0.8%; Score 17.8; DB 1; Length 23;
Best Local Similarity 90.5%; Pred. No. 19;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1002 GAAATCGACACCTGAAAAGA 1022
Db 2 GAAACCCACACCTGAAAAGA 22

RESULT 46
US-08-529-190B-13
Sequence 13, Application US/08529190B
Patent No. 5833991
GENERAL INFORMATION:
APPLICANT: Masucci, Maria G.
TITLE OF INVENTION: GLYCINE-CONTAINING SEQUENCES
TITLE OF INVENTION: CONFERRING INVISIBILITY TO THE IMMUNE SYSTEM
NUMBER OF SEQUENCES: 76
CORRESPONDENCE ADDRESS:
ADDRESSEE: Banner & Witcoff, Ltd.
STREET: One Financial Center
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02111
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: Wordperfect 6.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/529,190B
FILING DATE: 15-SEP-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: SE9501324-9
FILING DATE: 10-APR-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US08/522,595
FILING DATE: 01-SEP-1995
ATTORNEY/AGENT INFORMATION:
NAME: Williams, Ph.D., Kathleen A.
REGISTRATION NUMBER: 34,380
REFERENCE/DOCKET NUMBER: 3255/53015
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-345-9100
TELEFAX: 617-345-9111
INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
LENGTH: 24 bases
TYPE: nucleic acid


```

; STRANDEDNESS: single
; TOPOLOGY: linear
; Best Local Similarity 90.5%; Score 17.8; DB 1; Length 24;
; MOLECULE TYPE: other nucleic acid
; US-08-529-190B-13
; Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Query Match
Best Local Similarity 90.5%; Score 17.8; DB 1; Length 24;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1126 TCCACCTTCACCTCCAGCTCC 1146
Db | | | | | | | | | | | | | | | | | |
2 TCCACCGGCACCTCCAGCTCC 22

RESULT 47
US-08-403-888A-36/c
; Sequence 36, Application US/08403888A
; Patent No. 5952490
; GENERAL INFORMATION:
; APPLICANT: Hanesack et al.
; TITLE OF INVENTION: Oligonucleotides Having A Conserved G4 Core
; TITLE OF INVENTION: Sequence
; NUMBER OF SEQUENCES: 146
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5952490 is LLP
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: U.S.A.
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WordPerfect 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/403,888A
; FILING DATE: 12-JUN-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/954,185
; FILING DATE: 29-SEP-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Paul K. Legnard
; REGISTRATION NUMBER: 38,534
; REFERENCE/DOCKET NUMBER: ISIS-1229
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-568-3100
; TELEFAX: 215-568-3439
; INFORMATION FOR SEQ ID NO: 36:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 22
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-403-888A-36

Query Match
Best Local Similarity 86.4%; Score 17.2; DB 1; Length 22;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1245 CTCGACCCCATCCCCAACCCC 1266
Db | | | | | | | | | | | | | | | | | |
22 CCCCACCCCAACCCCAACCCC 1

RESULT 48
US-08-403-888A-44/c
; Sequence 44, Application US/08403888A
; Patent No. 5952490
; GENERAL INFORMATION:
; APPLICANT: Hanesack et al.
; TITLE OF INVENTION: Oligonucleotides Having A Conserved G4 Core

```

```

; ATTORNEY/AGENT INFORMATION:
; NAME: Paul K. Legaard
; REGISTRATION NUMBER: 38,534
; REFERENCE/DOCKET NUMBER: ISIS-1229
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-568-3100
; TELEFAX: 215-568-3439
; INFORMATION FOR SEQ ID NO: 110:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 22
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-403-888A-110

Query Match      0.8%; Score 17.2; DB 1; Length 22;
Best Local Similarity 86.4%; Pred. No. 24;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY   1245 CTCGACCCCATCCCCAACCCC 1266
Db    ||| |||| |
RESULT 50
US-08-403-888A-117/c
; Sequence 117, Application US/08403888A
; Patent No. 5952490
; GENERAL INFORMATION:
; APPLICANT: Hanecek et al.
; TITLE OF INVENTION: Oligonucleotides Having A Conserved G4 Core
; TITLE OF INVENTION: Sequence
; NUMBER OF SEQUENCES: 146
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz MacKiewicz & No. 5952490ris LLP
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: U.S.A.
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WordPerfect 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/403,888A
; FILING DATE: 12-JUN-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/954,185
; FILING DATE: 29-SEP-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Paul K. Legaard
; REGISTRATION NUMBER: 38,534
; REFERENCE/DOCKET NUMBER: ISIS-1229
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-568-3100
; TELEFAX: 215-568-3439
; INFORMATION FOR SEQ ID NO: 117:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 22
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-403-888A-117

Query Match      0.8%; Score 17.2; DB 1; Length 22;
Best Local Similarity 86.4%; Pred. No. 24;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY   1245 CTCGACCCCATCCCCAACCCC 1266
Db    ||| |||| |
ATTORNEY/AGENT INFORMATION:
NAME: Paul K. Legaard
REGISTRATION NUMBER: 38,534
REFERENCE/DOCKET NUMBER: ISIS-1229
TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-568-3100
TELEFAX: 215-568-3439
INFORMATION FOR SEQ ID NO: 110:
SEQUENCE CHARACTERISTICS:
LENGTH: 22
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-403-888A-110

Query Match      0.8%; Score 17.2; DB 1; Length 24;
Best Local Similarity 86.4%; Pred. No. 32;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY   1245 CTCGACCCCATCCCCAACCCC 1266
Db    ||| |||| |

```

ADDRESSEE: Banner & Witcoff, Ltd.
STREET: One Financial Center
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02111
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: Wordperfect 6.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/529,190B
FILING DATE: 15-SEP-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: S9501324-9
FILING DATE: 10-APR-1995
APPLICATION NUMBER: US08/522,595
FILING DATE: 01-SEP-1995
ATTORNEY/AGENT INFORMATION:
NAME: Williams, Ph.D., Kathleen A
REGISTRATION NUMBER: 34,380
REFERENCE/DOCKET NUMBER: 3255/53015
TELEPHONE: 617-345-9100
TELEFAX: 617-345-9111
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 24 bases
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
US-08-529-190B-4

Query Match 0.8%; Score 17.2; DB 1; Length 24;
Best Local Similarity 86.4%; Pred. No. 32;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1126 TCCACCTTCCACCTCCAGCTCCA 1147
|||||
DB 2 TCCACCGCACCTCCAGCACCA 23

RESULT 53
US-08-529-190B-5/c
Sequence 5, Application US/08529190B
Patent No. 5833991
GENERAL INFORMATION:
APPLICANT: Masucci, Maria G.
TITLE OF INVENTION: GLYCINE-CONTAINING SEQUENCES
CONFERRING INVISIBILITY TO THE IMMUNE SYSTEM
NUMBER OF SEQUENCES: 76
CORRESPONDENCE ADDRESS:
ADDRESSEE: Banner & Witcoff, Ltd.
STREET: One Financial Center
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02111
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: Wordperfect 6.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/529,190B
FILING DATE: 15-SEP-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: S9501324-9

FILING DATE: 10-APR-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US08/522,595
FILING DATE: 01-SEP-1995
ATTORNEY/AGENT INFORMATION:
NAME: Williams, Ph.D., Kathleen A
REGISTRATION NUMBER: 34,380
REFERENCE/DOCKET NUMBER: 3255/53015
TELEPHONE: 617-345-9100
TELEFAX: 617-345-9111
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 24 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
US-08-529-190B-5

Query Match 0.8%; Score 17.2; DB 1; Length 24;
Best Local Similarity 86.4%; Pred. No. 32;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1129 ACCTTCACCTCCAGCTCCACT 1150
|||||
DB 24 ACCCGCACCTCCAGCTCCACTT 3

RESULT 54
US-08-403-888A-35/c
Sequence 35, Application US/08403888A
Patent No. 5952490
GENERAL INFORMATION:
APPLICANT: Hanecak et al.
TITLE OF INVENTION: Oligonucleotides Having A Conserved G4 Core
NUMBER OF SEQUENCES: 146
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5952490ris LLP
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STATE: PA
COUNTRY: U.S.A.
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Wordperfect 6.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/403,888A
FILING DATE: 12-JUN-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/954,185
FILING DATE: 29-SEP-1992
ATTORNEY/AGENT INFORMATION:
NAME: Paul K. Legaard
REGISTRATION NUMBER: 38,534
REFERENCE/DOCKET NUMBER: ISIS-1229
TELEPHONE: 215-568-3100
TELEFAX: 215-568-3439
INFORMATION FOR SEQ ID NO: 35:
SEQUENCE CHARACTERISTICS:
LENGTH: 24
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-403-888A-35

Query Match 0.8%; Score 17.2; DB 1; Length 24;

Best Local Similarity 86.4%; Pred. No. 32;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1245 CTCGACCCCATCCCAACCCC 1266
Db 24 CCCCAACCCCAACCCCAACCCC 3

RESULT 55

US-08-403-888A-43/c
; Sequence 43, Application US/08403888A
; Patent No. 5952490
; GENERAL INFORMATION:
; APPLICANT: Hanecak et al.
; TITLE OF INVENTION: Oligonucleotides Having A Conserved G4 Core
; NUMBER OF SEQUENCES: 146
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5952490ris LLP
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: U.S.A.
; ZIP: 19103

COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WordPerfect 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/403,888A
; FILING DATE: 12-JUN-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/954,185
; FILING DATE: 29-SEP-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Paul K. Leggaard
; REGISTRATION NUMBER: 38,534
; REFERENCE/DOCKET NUMBER: ISIS-1229
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-568-3100
; TELEFAX: 215-568-3439

INFORMATION FOR SEQ ID NO: 43:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear

US-08-403-888A-43
Query Match 0.8%; Score 17.2; DB 1; Length 24;
Best Local Similarity 86.4%; Pred. No. 32;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1245 CTCGACCCCATCCCAACCCC 1266
Db 24 CCCCAACCCCAACCCCAACCCC 3

RESULT 56

US-08-403-888A-109/c
; Sequence 109, Application US/08403888A
; Patent No. 5952490
; GENERAL INFORMATION:
; APPLICANT: Hanecak et al.
; TITLE OF INVENTION: Oligonucleotides Having A Conserved G4 Core
; NUMBER OF SEQUENCES: 146
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5952490ris LLP
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia

STATE: PA
COUNTRY: U.S.A.
ZIP: 19103
COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WordPerfect 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/403,888A
; FILING DATE: 12-JUN-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/954,185
; FILING DATE: 29-SEP-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Paul K. Leggaard
; REGISTRATION NUMBER: 38,534
; REFERENCE/DOCKET NUMBER: ISIS-1229
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-568-3100
; TELEFAX: 215-568-3439

INFORMATION FOR SEQ ID NO: 109:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear

US-08-403-888A-109

Query Match 0.8%; Score 17.2; DB 1; Length 24;
Best Local Similarity 86.4%; Pred. No. 32;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1245 CTCGACCCCATCCCAACCCC 1266
Db 24 CCCCAACCCCAACCCCAACCCC 3

RESULT 57

US-08-403-888A-116/c
; Sequence 116, Application US/08403888A
; Patent No. 5952490
; GENERAL INFORMATION:
; APPLICANT: Hanecak et al.
; TITLE OF INVENTION: Oligonucleotides Having A Conserved G4 Core
; NUMBER OF SEQUENCES: 146
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5952490ris LLP
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: U.S.A.
; ZIP: 19103

COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WordPerfect 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/403,888A
; FILING DATE: 12-JUN-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/954,185
; FILING DATE: 29-SEP-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Paul K. Leggaard
; REGISTRATION NUMBER: 38,534
; REFERENCE/DOCKET NUMBER: ISIS-1229
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-568-3100

```
; TELEFAX: 215-568-3439
; INFORMATION FOR SEQ ID NO: 116:
; SEQUENCE CHARACTERISTICS:
;   LENGTH: 24
;   TYPE: nucleic acid
;   STRANDEDNESS: single
;   TOPOLOGY: linear
US-08-403-888A-116

Query Match      0.8%; Score 17.2; DB 1; Length 24;
Best Local Similarity 86.4%; Pred. No. 32;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1245 CTCGACCCCATCCCAACCCC 1266
Db 24 CCCAACCCCAACCCCAACCCC 3

RESULT 58
US-08-729-598-3/c
; Sequence 3, Application US/08729598
; Patent No. 6001657
; GENERAL INFORMATION:
; APPLICANT: Hardin, Charles C.
; APPLICANT: Brown II, Bernard A.
; APPLICANT: Roberts, John J.
; APPLICANT: Pelsue, Stephen A.
; TITLE OF INVENTION: Antibodies That Selectively Bind
; TITLE OF INVENTION: Quadruplex Nucleic Acids
; NUMBER OF SEQUENCES: 13
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Sorojini J. Biswas
; STREET: P.O. Box 37428
; CITY: Raleigh
; STATE: No. 6001657th Carolina
; COUNTRY: USA
; ZIP: 27627
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/729,598
; FILING DATE: 11-OCT-1996
; CLASSIFICATION: 530
; ATTORNEY/AGENT INFORMATION:
; NAME: Biswas, Sorojini J.
; REGISTRATION NUMBER: 39,111
; REFERENCE/DOCKET NUMBER: 5051-301A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (919) 854-1400
; TELEFAX: (919) 854-1401
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: not relevant
; MOLECULE TYPE: DNA (genomic)
US-08-729-598-3

Query Match      0.8%; Score 17.2; DB 1; Length 24;
Best Local Similarity 86.4%; Pred. No. 32;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1245 CTCGACCCCATCCCAACCCC 1266
Db 24 CCCAACCCCAACCCCAACCCC 3

RESULT 59
US-08-819-867-29
; Sequence 3, Application US/08819867
; Patent No. 6007989
; GENERAL INFORMATION:
; APPLICANT: Michael D. West
; APPLICANT: Calvin B. Harley
```

```
; Sequence 29, Application US/08819867
; Patent No. 6007989
; GENERAL INFORMATION:
; APPLICANT: Michael D. West
; APPLICANT: Calvin B. Harley
; APPLICANT: Scott L. Weinrich
; APPLICANT: Catherine M. Strahl
; APPLICANT: Michael J. Mceachern
; APPLICANT: Jerry Shay
; APPLICANT: Woodring E. Wright
; APPLICANT: Elizabeth H. Blackburn
; APPLICANT: Nam Woo Kim
; APPLICANT: Homayoun Vaziri
; TITLE OF INVENTION: THERAPY AND DIAGNOSIS OF
; TITLE OF INVENTION: CONDITIONS RELATED TO
; TITLE OF INVENTION: TELOMERE LENGTH AND/OR
; TITLE OF INVENTION: TELOMERASE ACTIVITY
; NUMBER OF SEQUENCES: 80
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/819,867
; FILING DATE: March 14, 1997
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/153,051
; FILING DATE: No. 6007989ember 12, 1993
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Chambers, Daniel M.
; REGISTRATION NUMBER: 34,561
; REFERENCE/DOCKET NUMBER: 224/232
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELETYPE: 67-3510
; INFORMATION FOR SEQ ID NO: 29:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-819-867-29

Query Match      0.8%; Score 17.2; DB 1; Length 24;
Best Local Similarity 86.4%; Pred. No. 32;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1245 CTCGACCCCATCCCAACCCC 1266
Db 1 CCCCAACCCCAACCCCAACCCC 22

RESULT 60
US-08-819-867-32/c
; Sequence 32, Application US/08819867
; Patent No. 6007989
; GENERAL INFORMATION:
; APPLICANT: Michael D. West
; APPLICANT: Calvin B. Harley
```

APPLICANT: Scott L. Weinrich
 APPLICANT: Catherine M. Strahl
 APPLICANT: Michael J. Mceachern
 APPLICANT: Jerry Shay
 APPLICANT: Woodring E. Wright
 APPLICANT: Elizabeth H. Blackburn
 APPLICANT: Nam Woo Kim
 APPLICANT: Homayoun Vaziri
 TITLE OF INVENTION: THERAPY AND DIAGNOSIS OF
 TITLE OF INVENTION: CONDITIONS RELATED TO
 TITLE OF INVENTION: TELOMERE LENGTH AND/OR
 TITLE OF INVENTION: TELOMERASE ACTIVITY
 NUMBER OF SEQUENCES: 80
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Lyon & Lyon
 STREET: 633 West Fifth Street
 STREET: Suite 4700
 CITY: Los Angeles
 STATE: California
 COUNTRY: U.S.A.
 ZIP: 90071-2066
 COMPUTER READABLE FORM:
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 MEDIUM TYPE: storage
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: IBM P.C. DOS 5.0
 SOFTWARE: FASCTEQ for Windows 2.0
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/819.867
 FILING DATE: March 14, 1997
 CLASSIFICATION: 435
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/153.051
 FILING DATE: No. 6007989ember 12, 1993
 APPLICATION NUMBER:
 FILING DATE:
 ATTORNEY/AGENT INFORMATION:
 NAME: Chambers, Daniel M.
 REGISTRATION NUMBER: 34,561
 REFERENCE/DOCKET NUMBER: 224/232
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (213) 489-1600
 TELEFAX: (213) 955-0440
 TELEX: 67-3510
 INFORMATION FOR SEQ ID NO: 32:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 24 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 US-08-819-867-32

Query Match 0.8%; Score 17.2; DB 1; Length 24;
 Best Local Similarity 86.4%; Pred. No. 32;
 Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1245 CTCGACCCCATCCCAACCCC 1266
 Db 24 CCCCAACCCCAACCCCAACCCC 3

RESULT 61
 US-08-819-867-34/c
 Sequence 34, Application US/08819867
 Patent No. 6007989
 GENERAL INFORMATION:
 APPLICANT: Michael D. West
 APPLICANT: Calvin B. Harley
 APPLICANT: Scott L. Weinrich
 APPLICANT: Catherine M. Strahl
 APPLICANT: Michael J. Mceachern
 APPLICANT: Jerry Shay
 APPLICANT: Woodring E. Wright

APPLICANT: Elizabeth H. Blackburn
 APPLICANT: Nam Woo Kim
 APPLICANT: Homayoun Vaziri
 TITLE OF INVENTION: THERAPY AND DIAGNOSIS OF
 TITLE OF INVENTION: CONDITIONS RELATED TO
 TITLE OF INVENTION: TELOMERE LENGTH AND/OR
 TITLE OF INVENTION: TELOMERASE ACTIVITY
 NUMBER OF SEQUENCES: 80
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Lyon & Lyon
 STREET: 633 West Fifth Street
 STREET: Suite 4700
 CITY: Los Angeles
 STATE: California
 COUNTRY: U.S.A.
 ZIP: 90071-2066
 COMPUTER READABLE FORM:
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 MEDIUM TYPE: storage
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: IBM P.C. DOS 5.0
 SOFTWARE: FASTSEQ for Windows 2.0
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/819.867
 FILING DATE: March 14, 1997
 CLASSIFICATION: 435
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/153.051
 FILING DATE: No. 6007989ember 12, 1993
 APPLICATION NUMBER:
 FILING DATE:
 ATTORNEY/AGENT INFORMATION:
 NAME: Chambers, Daniel M.
 REGISTRATION NUMBER: 34,561
 REFERENCE/DOCKET NUMBER: 224/232
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (213) 489-1600
 TELEFAX: (213) 955-0440
 TELEX: 67-3510
 INFORMATION FOR SEQ ID NO: 34:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 24 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 US-08-819-867-34

Query Match 0.8%; Score 17.2; DB 1; Length 24;
 Best Local Similarity 86.4%; Pred. No. 32;
 Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1245 CTCGACCCCATCCCAACCCC 1266
 Db 24 CCCCAACCCCAACCCCAACCCC 3

RESULT 62
 US-09-378-535-29
 Sequence 29, Application US/09378535
 Patent No. 6551774
 GENERAL INFORMATION:
 APPLICANT: Michael D. West
 APPLICANT: Calvin B. Harley
 APPLICANT: Scott L. Weinrich
 APPLICANT: Catherine M. Strahl
 APPLICANT: Michael J. Mceachern
 APPLICANT: Jerry Shay
 APPLICANT: Woodring E. Wright
 APPLICANT: Elizabeth H. Blackburn
 APPLICANT: Nam Woo Kim
 APPLICANT: Homayoun Vaziri
 TITLE OF INVENTION: THERAPY AND DIAGNOSIS OF
 CONDITIONS RELATED TO

TELOMERE LENGTH AND/OR
TELOMERASE ACTIVITY

NUMBER OF SEQUENCES: 80
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq for Windows 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/378,535
FILING DATE: 20-Aug-1999
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/819,867
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Chambers, Daniel M.
REGISTRATION NUMBER: 34,561
REFERENCE/DOCKET NUMBER: 224/232
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 29:
SEQUENCE CHARACTERISTICS:
LENGTH: 24 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 29:
US-09-378-535-29

Query Match 0.8%; Score 17.2; DB 1; Length 24;
Best Local Similarity 86.4%; Pred. No. 32;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1245 CTCGACCCCATCCCAACCCC 1266
DB 1 CCCACCCCAACCCCAACCCC 22

RESULT 63
US-09-378-535-32/c
Sequence 32, Application US/09378535
Patent No. 6551774
GENERAL INFORMATION:
APPLICANT: Michael D. West
Calvin B. Harley
Scott L. Weinrich
Catherine M. Strahl
Michael J. Mceachern
Jerry Shay
Woodring E. Wright
Elizabeth H. Blackburn
Nam Woo Kim
Homayoun Vaziri

TITLE OF INVENTION: THERAPY AND DIAGNOSIS OF
CONDITIONS RELATED TO
TELOMERE LENGTH AND/OR
TELOMERASE ACTIVITY

NUMBER OF SEQUENCES: 80
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street

Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq for Windows 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/378,535
FILING DATE: 20-Aug-1999
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/819,867
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Chambers, Daniel M.
REGISTRATION NUMBER: 34,561
REFERENCE/DOCKET NUMBER: 224/232
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 32:
SEQUENCE CHARACTERISTICS:
LENGTH: 24 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 32:
US-09-378-535-32

Query Match 0.8%; Score 17.2; DB 1; Length 24;
Best Local Similarity 86.4%; Pred. No. 32;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1245 CTCGACCCCATCCCAACCCC 1266
DB 24 CCCACCCCAACCCCAACCCC 3

RESULT 64
US-09-378-535-34/c
Sequence 34, Application US/09378535
Patent No. 6551774
GENERAL INFORMATION:
APPLICANT: Michael D. West
Calvin B. Harley
Scott L. Weinrich
Catherine M. Strahl
Michael J. Mceachern
Jerry Shay
Woodring E. Wright
Elizabeth H. Blackburn
Nam Woo Kim
Homayoun Vaziri

TITLE OF INVENTION: THERAPY AND DIAGNOSIS OF
CONDITIONS RELATED TO
TELOMERE LENGTH AND/OR
TELOMERASE ACTIVITY

NUMBER OF SEQUENCES: 80
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066

COMPUTER READABLE FORM:


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; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/378,535
; FILING DATE: 20-Aug-1999
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/819,867
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Chambers, Daniel M.
; REGISTRATION NUMBER: 34,561
; REFERENCE/DOCKET NUMBER: 224/232
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 34:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 34:
US-09-378-535-34
;
; Query Match
; Best Local Similarity 0.8%; Score 17.2; DB 1; Length 24;
; Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
;
QY 1245 CTCGACCCCATCCCAACCCC 1266
DB 24 CCCCAACCCCAACCCCAACCCC 3
;
RESULT 65
PCT-US94-02471-52/c
; Sequence 52, Application PC/TUS9402471
; GENERAL INFORMATION:
; APPLICANT: Draper et al.
; TITLE OF INVENTION: Oligonucleotide Therapies for
; NUMBER OF SEQUENCES: 57
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz
; ADDRESSEE: Mackiewicz & Norris
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US94/02471
; FILING DATE: Herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 485,297
; FILING DATE: February 26, 1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 852,132
; FILING DATE: April 28, 1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 954,185
; FILING DATE: September 29, 1992
; ATTORNEY/AGENT INFORMATION:
```

```
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISIS-0469
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 52:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; ANTI-SENSE: yes
; PCT-US94-02471-52
;
; Query Match
; Best Local Similarity 0.8%; Score 17.2; DB 1; Length 24;
; Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
;
QY 1245 CTCGACCCCATCCCAACCCC 1266
DB 24 CCCCAACCCCAACCCCAACCCC 3
;
RESULT 66
US-08-584-040-7257/c
; Sequence 7257, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 7257:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
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TOPOLOGY: linear

US-08-584-040-7257

Query Match 0.7%; Score 15.4; DB 1; Length 17;
Best Local Similarity 94.1%; Pred. No. 33;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 921 TTGCCTTTTATCCCTCC 937
DB 17 TTGCCTTTTATCCCTCC 1

RESULT 67

US-09-371-772B-3066/c
; Sequence 3066, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MH000,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 3066
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Mus sp.
US-09-371-772B-3066

Query Match 0.7%; Score 15.4; DB 1; Length 17;
Best Local Similarity 94.1%; Pred. No. 33;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 921 TTGCCTTTTATCCCTCC 937
DB 17 TTGCCTTTTATCCCTCC 1

RESULT 68

US-08-485-942A-45/c
; Sequence 45, Application US/08485942A
; Patent No. 6048837
; GENERAL INFORMATION:
; APPLICANT: JEFFREY M. FRIEDMAN, YIYING ZHANG, RICARDO PROENCA,
; APPLICANT: MARGHERITA MARFEEI, JEFFREY HALAAS, KETAN GAJIWALA, AND STEPHEN K. BURL
; TITLE OF INVENTION: OB POLYPEPTIDE AS MODULATORS OF BODY WEIGHT (AS
; TITLE OF INVENTION: AMENDED)
; NUMBER OF SEQUENCES: 99
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Klauber & Jackson
; STREET: 411 Hackensack Avenue
; CITY: Hackensack
; STATE: New Jersey
; COUNTRY: USA
; ZIP: 07601
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/485,942A
; FILING DATE: JUNE 7, 1995

CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/438,431
FILING DATE: May 10, 1995
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/347,563
FILING DATE: No. 6048837ember 30, 1994
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/292,345
FILING DATE: August 17, 1994
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Jackson Esq., David A.
REGISTRATION NUMBER: 26,742
REFERENCE/DOCKET NUMBER: 600-1-087 CIP 2F
TELECOMMUNICATION INFORMATION:
TELEPHONE: 201 487-5800
TELEFAX: 201 343-1684
TELEX: 133521
INFORMATION FOR SEQ ID NO: 45:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (primer)
DESCRIPTION: sequence tagged-site specific PCR primer SWSS2359
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
ORGANISM: Human
US-08-485-942A-45

Query Match 0.7%; Score 15.4; DB 1; Length 18;
Best Local Similarity 94.1%; Pred. No. 40;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 730 CAGGAGAAACAGAACAC 746
DB 18 CAGGAGAAACAGAACAC 2

RESULT 69

US-08-488-214A-45/c
; Sequence 45, Application US/08488214A
; Patent No. 6124439
; GENERAL INFORMATION:
; APPLICANT: JEFFREY M. FRIEDMAN, YIYING ZHANG, RICARDO PROENCA,
; APPLICANT: MARGHERITA MARFEEI, JEFFREY HALAAS, KETAN GAJIWALA, AND STEPHEN K. BU
; TITLE OF INVENTION: OB POLYPEPTIDE ANTIBODIES AND METHOD OF MAKING
; TITLE OF INVENTION: (AS AMENDED)
; NUMBER OF SEQUENCES: 99
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Klauber & Jackson
; STREET: 411 Hackensack Avenue
; CITY: Hackensack
; STATE: New Jersey
; COUNTRY: USA
; ZIP: 07601
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/488,214A
; FILING DATE: JUNE 7, 1995
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/438,431
; FILING DATE: May 10, 1995

```

; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/347,563
; FILING DATE: 08/347,563
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/292,345
; FILING DATE: August 17, 1994
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Jackson Esq., David A.
; REGISTRATION NUMBER: 26,742
; REFERENCE/DOCKET NUMBER: 600-1-087 CIP 2D
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 201 487-5800
; TELEFAX: 201 343-1684
; TELEX: 133521
; INFORMATION FOR SEQ ID NO: 45:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (primer)
; DESCRIPTION: sequence tagged-site specific PCR primer SWSS2359
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; ORGANISM: Human
; US-08-488-214A-45

Query Match 0.7%; Score 15.4; DB 1; Length 18;
Best Local Similarity 94.1%; Pred. No. 40;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 730 CAGGAGAAACAGAACAC 746
Db 18 CAGGAGAAACAGAACAC 2

RESULT 70
US-08-488-208A-45/c
; Sequence 45, Application US/08488208A
; Patent No. 6124448
; GENERAL INFORMATION:
; APPLICANT: THE ROCKEFELLER UNIVERSITY
; TITLE OF INVENTION: MODULATORS OF BODY WEIGHT, CORRESPONDING
; TITLE OF INVENTION: NUCLEIC ACIDS AND PROTEINS, AND DIAGNOSTIC AND THERAPEUTIC
; NUMBER OF SEQUENCES: 98
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Klauber & Jackson
; STREET: 411 Hackensack Avenue
; CITY: Hackensack
; STATE: New Jersey
; COUNTRY: USA
; ZIP: 07601
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/488,208A
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/485,943
; FILING DATE: June 7, 1995
; APPLICATION NUMBER: 08/438,431
; FILING DATE: May 10, 1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/347,563
; FILING DATE: 08/347,563

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; APPLICATION NUMBER: 08/347,563
; FILING DATE: 08/347,563
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/292,345
; FILING DATE: August 17, 1994
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Jackson Esq., David A.
; REGISTRATION NUMBER: 26,742
; REFERENCE/DOCKET NUMBER: 600-1-087 CIP2I
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 201 487-5800
; TELEFAX: 201 343-1684
; TELEX: 133521
; INFORMATION FOR SEQ ID NO: 45:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (primer)
; DESCRIPTION: sequence tagged-site specific PCR primer SWSS2359
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; ORGANISM: Human
; US-08-488-208A-45

Query Match 0.7%; Score 15.4; DB 1; Length 18;
Best Local Similarity 94.1%; Pred. No. 40;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 730 CAGGAGAAACAGAACAC 746
Db 18 CAGGAGAAACAGAACAC 2

RESULT 71
US-08-483-211A-45/c
; Sequence 45, Application US/08483211A
; Patent No. 6309853
; GENERAL INFORMATION:
; APPLICANT: THE ROCKEFELLER UNIVERSITY
; TITLE OF INVENTION: MODULATORS OF BODY WEIGHT, CORRESPONDING
; TITLE OF INVENTION: NUCLEIC ACIDS AND PROTEINS, AND DIAGNOSTIC AND THERAPEUTIC
; NUMBER OF SEQUENCES: 98
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Klauber & Jackson
; STREET: 411 Hackensack Avenue
; CITY: Hackensack
; STATE: New Jersey
; COUNTRY: USA
; ZIP: 07601
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/483,211A
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/485,943
; FILING DATE: June 7, 1995
; APPLICATION NUMBER: 08/438,431
; FILING DATE: May 10, 1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/347,563
; FILING DATE: 08/347,563

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CLASSIFICATION: 514
PRIOR APPLICATION DATA:
FILING DATE: 08/292,345
FILING DATE: AUGUST 17, 1994
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Jackson Esq., David A.
REGISTRATION NUMBER: 26,742
REFERENCE/DOCKET NUMBER: 600-1-087 CIP21
TELECOMMUNICATION INFORMATION:
TELEPHONE: 201 487-5800
TELEFAX: 201 343-1684
TELEX: 133521
INFORMATION FOR SEQ ID NO: 45:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (primer)
DESCRIPTION: sequence tagged-site specific PCR primer sWSS2359
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE: Human
ORGANISM: Human
US-08-483-211A-45

Query Match 0.7%; Score 15.4; DB 1; Length 18;
Best Local Similarity 94.1%; Pred. No. 40;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 730 CAGGAGAAACAGAACAC 746
Db 18 CAGGAGAAACAGAACAC 2

RESULT 72
US-08-488-223A-45/c
Sequence 45, Application US/08468223A
Patent No. 6350730
GENERAL INFORMATION:
APPLICANT: THE ROCKEFELLER UNIVERSITY
TITLE OF INVENTION: MODULATORS OF BODY WEIGHT, CORRESPONDING NUCLEIC ACIDS AND PROTEINS, AND DIAGNOSTIC AND THERAPEUTIC USES THE
NUMBER OF SEQUENCES: 98
CORRESPONDENCE ADDRESS:
ADDRESSEE: Klauber & Jackson
STREET: 411 Hackensack Avenue
CITY: Hackensack
STATE: New Jersey
COUNTRY: USA
ZIP: 07601
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/488,223A
FILING DATE: 07-Jun-1995
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/485,943
FILING DATE: <Unknown>
APPLICATION NUMBER: 08/347,563
FILING DATE: No. 6350730ember 30, 1994
APPLICATION NUMBER: 08/292,345
FILING DATE: August 17, 1994
ATTORNEY/AGENT INFORMATION:
NAME: Jackson Esq., David A.
REGISTRATION NUMBER: 26,742
REFERENCE/DOCKET NUMBER: 600-1-087 CIP21
TELECOMMUNICATION INFORMATION:

TELEPHONE: 201 487-5800
TELEFAX: 201 343-1684
TELEX: 133521
INFORMATION FOR SEQ ID NO: 45:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (primer)
DESCRIPTION: sequence tagged-site specific PCR primer sWSS2359
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE: Human
ORGANISM: Human
US-08-488-223A-45

Query Match 0.7%; Score 15.4; DB 1; Length 18;
Best Local Similarity 94.1%; Pred. No. 40;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 730 CAGGAGAAACAGAACAC 746
Db 18 CAGGAGAAACAGAACAC 2

RESULT 73
US-08-438-431A-45/c
Sequence 45, Application US/08438431A
Patent No. 6429290
GENERAL INFORMATION:
APPLICANT: JEFFREY M. FRIEDMAN, YIYING ZHANG, RICARDO PROENCA, MARGHERITA MARFEEI
TITLE OF INVENTION: MODULATORS OF BODY WEIGHT, CORRESPONDING NUCLEIC ACIDS AND F
NUMBER OF SEQUENCES: 99
CORRESPONDENCE ADDRESS:
ADDRESSEE: Klauber & Jackson
STREET: 411 Hackensack Avenue
CITY: Hackensack
STATE: New Jersey
COUNTRY: USA
ZIP: 07601
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/438,431A
FILING DATE: May 10, 1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/347,563
FILING DATE: No. 6429290ember 30, 1994
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/292,345
FILING DATE: August 17, 1994
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Jackson Esq., David A.
REGISTRATION NUMBER: 26,742
REFERENCE/DOCKET NUMBER: 600-1-087 CIP1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 201 487-5800
TELEFAX: 201 343-1684
TELEX: 133521
INFORMATION FOR SEQ ID NO: 45:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

; MOLECULE TYPE: DNA (primer)
; DESCRIPTION: sequence tagged-site specific PCR primer SWSS2359
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; ORGANISM: Human
US-08-438-431A-45

Query Match 0.7%; Score 15.4; DB 1; Length 18;
Best Local Similarity 94.1%; Pred. No. 40;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 730 CAGGAGAAACAGAACAC 746
|||||
Db 18 CAGGAGAAACAGAACAC 2

RESULT 74

US-08-488-225A-45/c
; Sequence 45, Application US/08488225A
; Patent No. 6471956
; GENERAL INFORMATION:

; APPLICANT: THE ROCKEFELLER UNIVERSITY
; TITLE OF INVENTION: MODULATORS OF BODY WEIGHT, CORRESPONDING
; TITLE OF INVENTION: NUCLEIC ACIDS AND PROTEINS, AND DIAGNOSTIC AND THERAPEUTIC USE
; NUMBER OF SEQUENCES: 98
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Klauber & Jackson
; STREET: 411 Hackensack Avenue
; CITY: Hackensack
; STATE: New Jersey
; COUNTRY: USA
; ZIP: 07601

; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/488,225A
; FILING DATE: June 7, 1995

; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/483,211
; FILING DATE: June 7, 1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/438,431
; FILING DATE: May 10, 1995

; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/347,563
; FILING DATE: No. 6471956member 30, 1994

; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/292,345
; FILING DATE: August 17, 1994
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Jackson Esq., David A.
; REGISTRATION NUMBER: 26,742
; REFERENCE/DOCKET NUMBER: 600-1-087 CIP2J
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 201 487-5800
; TELEFAX: 201 343-1684
; TELEX: 133521

; INFORMATION FOR SEQ ID NO: 45:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear

; MOLECULE TYPE: DNA (primer)

; DESCRIPTION: sequence tagged-site specific PCR primer
; DESCRIPTION: SWSS2359
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; ORGANISM: Human
US-08-488-225A-45

Query Match 0.7%; Score 15.4; DB 1; Length 18;
Best Local Similarity 94.1%; Pred. No. 40;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 730 CAGGAGAAACAGAACAC 746
|||||
Db 18 CAGGAGAAACAGAACAC 2

RESULT 75

US-08-031-147A-55/c
; Sequence 55, Application US/08031147A
; Patent No. 5514577
; GENERAL INFORMATION:

; APPLICANT: Draper et al.
; TITLE OF INVENTION: Oligonucleotide Therapies for
; TITLE OF INVENTION: Modulating the Effects of Herpesviruses
; NUMBER OF SEQUENCES: 57
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz
; ADDRESSEE: Mackiewicz & No. 5514577ris
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103

; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/031,147A
; FILING DATE: March 12, 1993

; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 485,297
; FILING DATE: February 26, 1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 852,132
; FILING DATE: April 28, 1992

; PRIOR APPLICATION DATA: 954,185
; APPLICATION NUMBER:
; FILING DATE: September 29, 1992
; ATTORNEY/AGENT INFORMATION:

; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISIS-0469
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 55:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; ANTI-SENSE: yes

US-08-031-147A-55

Query Match 0.7%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 56;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1250 ACCCATCCCAACCCC 1266

Db 19 ACCCCCAACCCCAACCCC 3

RESULT 76

US-08-403-888A-37/c

Sequence 37, Application US/08403888A

Patent No. 5952490

GENERAL INFORMATION:

APPLICANT: Hanecek et al.

TITLE OF INVENTION: Oligonucleotides Having A Conserved G4 Core

TITLE OF INVENTION: Sequence

NUMBER OF SEQUENCES: 146

CORRESPONDENCE ADDRESS:

ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5952490ris LLP

STREET: One Liberty Place - 46th Floor

CITY: Philadelphia

STATE: PA

COUNTRY: U.S.A.

ZIP: 19103

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5 inch disk, 1.44 Mb

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: WordPerfect 6.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/403,888A

FILING DATE: 12-JUN-1995

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 07/954,185

FILING DATE: 29-SEP-1992

ATTORNEY/AGENT INFORMATION:

NAME: Paul K. Legaard

REGISTRATION NUMBER: 38,534

REFERENCE/DOCKET NUMBER: ISIS-1229

TELECOMMUNICATION INFORMATION:

TELEPHONE: 215-568-3100

TELEFAX: 215-568-3439

INFORMATION FOR SEQ ID NO: 37:

SEQUENCE CHARACTERISTICS:

LENGTH: 20

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-08-403-888A-37

Query Match 0.7%; Score 15.4; DB 1; Length 20;

Best Local Similarity 94.1%; Pred. No. 56;

Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1250 ACCCATCCCCCAACCCC 1266

Db 19 ACCCCCAACCCCAACCCC 3

RESULT 77

US-08-403-888A-45/c

Sequence 45, Application US/08403888A

Patent No. 5952490

GENERAL INFORMATION:

APPLICANT: Hanecek et al.

TITLE OF INVENTION: Oligonucleotides Having A Conserved G4 Core

TITLE OF INVENTION: Sequence

NUMBER OF SEQUENCES: 146

CORRESPONDENCE ADDRESS:

ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5952490ris LLP

STREET: One Liberty Place - 46th Floor

CITY: Philadelphia

STATE: PA

COUNTRY: U.S.A.

ZIP: 19103

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5 inch disk, 1.44 Mb

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: WordPerfect 6.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/403,888A

FILING DATE: 12-JUN-1995

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 07/954,185

FILING DATE: 29-SEP-1992

ATTORNEY/AGENT INFORMATION:

NAME: Paul K. Legaard

REGISTRATION NUMBER: 38,534

REFERENCE/DOCKET NUMBER: ISIS-1229

TELECOMMUNICATION INFORMATION:

TELEPHONE: 215-568-3100

TELEFAX: 215-568-3439

INFORMATION FOR SEQ ID NO: 37:

SEQUENCE CHARACTERISTICS:

LENGTH: 20

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-08-403-888A-37

Query Match 0.7%; Score 15.4; DB 1; Length 20;

Best Local Similarity 94.1%; Pred. No. 56;

Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1250 ACCCATCCCCCAACCCC 1266

Db 19 ACCCCCAACCCCAACCCC 3

MEDIUM TYPE: 3.5 inch disk, 1.44 Mb

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: WordPerfect 6.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/403,888A

FILING DATE: 12-JUN-1995

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 07/954,185

FILING DATE: 29-SEP-1992

ATTORNEY/AGENT INFORMATION:

NAME: Paul K. Legaard

REGISTRATION NUMBER: 38,534

REFERENCE/DOCKET NUMBER: ISIS-1229

TELECOMMUNICATION INFORMATION:

TELEPHONE: 215-568-3100

TELEFAX: 215-568-3439

INFORMATION FOR SEQ ID NO: 45:

SEQUENCE CHARACTERISTICS:

LENGTH: 20

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-08-403-888A-45

Query Match 0.7%; Score 15.4; DB 1; Length 20;

Best Local Similarity 94.1%; Pred. No. 56;

Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1250 ACCCATCCCCCAACCCC 1266

Db 19 ACCCCCAACCCCAACCCC 3

RESULT 78

US-08-403-888A-114/c

Sequence 114, Application US/08403888A

Patent No. 5952490

GENERAL INFORMATION:

APPLICANT: Hanecek et al.

TITLE OF INVENTION: Oligonucleotides Having A Conserved G4 Core

TITLE OF INVENTION: Sequence

NUMBER OF SEQUENCES: 146

CORRESPONDENCE ADDRESS:

ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5952490ris LLP

STREET: One Liberty Place - 46th Floor

CITY: Philadelphia

STATE: PA

COUNTRY: U.S.A.

ZIP: 19103

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5 inch disk, 1.44 Mb

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: WordPerfect 6.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/403,888A

FILING DATE: 12-JUN-1995

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 07/954,185

FILING DATE: 29-SEP-1992

ATTORNEY/AGENT INFORMATION:

NAME: Paul K. Legaard

REGISTRATION NUMBER: 38,534

REFERENCE/DOCKET NUMBER: ISIS-1229

TELECOMMUNICATION INFORMATION:

TELEPHONE: 215-568-3100

TELEFAX: 215-568-3439

INFORMATION FOR SEQ ID NO: 114:

SEQUENCE CHARACTERISTICS:

LENGTH: 20

```

; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-403-888A-114

Query Match      0.7%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 56;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1250 ACCCATCCCCAACCCC 1266
Db 19 ACCCAACCCCAACCCC 3

RESULT 79
US-08-403-888A-118/c
; Sequence 118, Application US/08403888A
; Patent No. 5952490
; GENERAL INFORMATION:
; APPLICANT: Hanecek et al.
; TITLE OF INVENTION: Oligonucleotides Having A Conserved G4 Core
; TITLE OF INVENTION: Sequence
; NUMBER OF SEQUENCES: 146
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5952490ris LLP
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: U.S.A.
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Wordperfect 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/403.888A
; FILING DATE: 12-JUN-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/954,185
; FILING DATE: 29-SEP-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Paul K. Legard
; REGISTRATION NUMBER: 38,534
; REFERENCE/DOCKET NUMBER: ISIS-1229
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-568-3100
; TELEFAX: 215-568-3439
; INFORMATION FOR SEQ ID NO: 118:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-403-888A-118

Query Match      0.7%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 56;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1250 ACCCATCCCCAACCCC 1266
Db 19 ACCCAACCCCAACCCC 3

RESULT 80
PCT-US94-02471-55/c
; Sequence 55, Application PC/TUS9402471
; GENERAL INFORMATION:
; APPLICANT: Draper et al.
; TITLE OF INVENTION: Oligonucleotide Therapies for
; TITLE OF INVENTION: Modulating the Effects of Herpesviruses
```

```

; NUMBER OF SEQUENCES: 57
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz
; ADDRESSEE: Mackiewicz & Norris
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US94/02471
; FILING DATE: Herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 485,297
; FILING DATE: February 26, 1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 852,132
; FILING DATE: April 28, 1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 954,185
; FILING DATE: September 29, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISIS-0469
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 55:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; ANTI-SENSE: yes
PCT-US94-02471-55

Query Match      0.7%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 56;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1250 ACCCATCCCCAACCCC 1266
Db 19 ACCCAACCCCAACCCC 3

RESULT 81
US-09-422-978-8726/c
; Sequence 8726, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 8726
; LENGTH: 21
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```
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..21
; OTHER INFORMATION: downstream amplification primer 99-17829 for SEQ 861, in compleme
US-09-422-978-8726

Query Match          0.7%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 74;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 766 GGTTCCTCTCTAAGAGAAA 785
DB 21 GGTCTCTCTCTAATAGAAA 2

RESULT 82
US-09-180-437-105/C
; Sequence 105, Application US/09180437
; Patent No. 6251873
; GENERAL INFORMATION:
; APPLICANT: FUKUSAKO, Shioji
; APPLICANT: MORISAWA, Yoshitumi
; APPLICANT: KUSUYAMA, Takeshi
; TITLE OF INVENTION: Antisense Compounds to CD14
; FILE REFERENCE: 1110-209P
; CURRENT APPLICATION NUMBER: US/09/180,437
; CURRENT FILING DATE: 1998-11-06
; EARLIER APPLICATION NUMBER: PCT/JP98/00953
; EARLIER FILING DATE: 1998-03-09
; EARLIER APPLICATION NUMBER: 09-053518 JAPAN
; EARLIER FILING DATE: 1997-03-07
; NUMBER OF SEQ ID NOS: 289
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 105
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: other nucleic
US-09-180-437-105

Query Match          0.7%; Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 28;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 283 CTGTCGCCGCTGGTG 297
DB 15 CTGTCGCCGCTGGTG 1

RESULT 83
US-08-482-115B-37
; Sequence 37, Application US/08482115B
; Patent No. 576679
; GENERAL INFORMATION:
; APPLICANT: Villeponteau, Bryant
; APPLICANT: Feng, Junli
; APPLICANT: Funk, Walter
; APPLICANT: Andrews, William H.
; TITLE OF INVENTION: Assays for the RNA Component of Human
; NUMBER OF SEQUENCES: 40
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/482,115B
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/272,102
; FILING DATE: 07-JUL-1994
; PRIOR APPLICATION NUMBER: US 08/330,123
; FILING DATE: 27-OCT-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Storella, John R.
; REGISTRATION NUMBER: 32,944
; REFERENCE/DOCKET NUMBER: 015389-000830US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 37:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
US-08-482-115B-37

Query Match          0.7%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 58;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1247 CCGACCCCTCCCAACC 1264
DB 1 CCAACCCCAACCCCAACC 18

RESULT 84
US-08-472-802C-36
; Sequence 36, Application US/08472802C
; Patent No. 5958880
; GENERAL INFORMATION:
; APPLICANT: Villeponteau, Bryant
; APPLICANT: Feng, Junli
; APPLICANT: Andrews, William H.
; TITLE OF INVENTION: Mammalian Telomerase
; NUMBER OF SEQUENCES: 44
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/472,802C
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/272,102
; FILING DATE: 07-JUL-1994
; PRIOR APPLICATION NUMBER: US 08/330,123
; FILING DATE: 27-OCT-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Smith, William M.
; COMPUTER READABLE FORM:
```



```
;
; REGISTRATION NUMBER: 30,223
; REFERENCE/DOCKET NUMBER: 15389-000820
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 36:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
US-08-472-802C-36

Query Match      0.7%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 58;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1247 CCGACCCCATCCCAACC 1264
DB 1 CCAACCCCAACCCCAACC 18

RESULT 85
US-08-954-210-6/c
; Sequence 6, Application US/08954210
; GENERAL INFORMATION:
; APPLICANT: Barber, Jack R.
; APPLICANT: Welch, Peter J.
; APPLICANT: Tritz, Richard
; APPLICANT: Yei, Soonpin
; APPLICANT: Yu, Mang
; TITLE OF INVENTION: HEPATITIS C VIRUS RIBOZYMES
; NUMBER OF SEQUENCES: 73
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: SEED and BERRY LLP
; STREET: 6300 Columbia Center, 701 Fifth Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: USA
; ZIP: 98104-7092
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/954,210
; FILING DATE: 20-OCT-1997
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: McMasters, David D.
; REGISTRATION NUMBER: 33,963
; REFERENCE/DOCKET NUMBER: 480124.403C1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 622-4900
; TELEFAX: (206) 682-6031
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-954-210-6

Query Match      0.7%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 58;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1204 CCCTATCAGGGGGCTGAC 1221
DB 18 CCCCATCAGGGGGCTGGC 1
```

```
RESULT 86
US-09-431-419A-6/c
; Sequence 6, Application US/09431419A
; Patent No. 6458567
; GENERAL INFORMATION:
; APPLICANT: Barber, Jack R.
; APPLICANT: Welch, Peter J.
; APPLICANT: Tritz, Richard
; APPLICANT: Yei, Soonpin
; APPLICANT: Yu, Mang
; TITLE OF INVENTION: HEPATITIS C VIRUS RIBOZYMES
; FILE REFERENCE: 480124.403C3
; CURRENT APPLICATION NUMBER: US/09/431,419A
; CURRENT FILING DATE: 1999-11-01
; NUMBER OF SEQ ID NOS: 73
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 6
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR Primer
US-09-431-419A-6

Query Match      0.7%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 58;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1204 CCCTATCAGGGGGCTGAC 1221
DB 18 CCCCATCAGGGGGCTGGC 1

RESULT 87
US-09-057-351-36
; Sequence 36, Application US/09057351
; Patent No. 6548298
; GENERAL INFORMATION:
; APPLICANT: Villeponteau, Bryant
; APPLICANT: Feng, Junli
; APPLICANT: Funk, Walter
; APPLICANT: Andrews, William H.
; TITLE OF INVENTION: Mammalian Telomerase
; NUMBER OF SEQUENCES: 42
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/057,351
; FILING DATE: 08-APR-1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/272,102
; FILING DATE: 07-JUL-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/330,123
; FILING DATE: 27-OCT-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/472,802
; FILING DATE: 07-JUN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Storella, John R.
```

REGISTRATION NUMBER: 32,944
REFERENCE/DOCKET NUMBER: 015389-000821US
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300 36;
INFORMATION FOR SEQ ID NO: 36:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-09-057-351-36

Query Match 0.7%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 58;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1247 CCGACCCCATCCCAACC 1264
Db 1 CCAACCCCAACCCCAACC 18

RESULT 89
US-09-226-012-62/c
Sequence 62, Application US/09226012
Patent No. 6207383
GENERAL INFORMATION:
APPLICANT: Keating, Mark T.
APPLICANT: Splawski, Igor
TITLE OF INVENTION: MUTATIONS IN AND GENOMIC STRUCTURE OF HERG - A LONG QT
FILE REFERENCE: 2323-136
CURRENT APPLICATION NUMBER: US/09/226,012
CURRENT FILING DATE: 1999-01-06
EARLIER APPLICATION NUMBER: 09/122,847
EARLIER FILING DATE: 1998-07-27
NUMBER OF SEQ ID NOS: 116
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 62
LENGTH: 20
TYPE: DNA
ORGANISM: Homo sapiens
US-09-226-012-62

Query Match 0.7%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 81;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1274 AGTGGGAGGACGCGCC 1291
Db 18 AGTGGGAGGACATAGCCC 1

RESULT 89
US-09-517-467B-308
Sequence 308, Application US/09517467B
Patent No. 6451602
GENERAL INFORMATION:
APPLICANT: Ian Popoff
APPLICANT: Lex M. Cowsett
TITLE OF INVENTION: ANTISENSE MODULATION OF PARP EXPRESSION
FILE REFERENCE: R1S-0150
CURRENT APPLICATION NUMBER: US/09/517,467B
CURRENT FILING DATE: 2001-03-02
PRIOR APPLICATION NUMBER: 09/517,467
PRIOR FILING DATE: 2000-03-02
NUMBER OF SEQ ID NOS: 345
SEQ ID NO 308
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:

OTHER INFORMATION: Antisense Oligonucleotide
US-09-517-467B-308

Query Match 0.7%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 81;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1273 AAGTGGGAGGACGCGCC 1290
Db 1 AAGTGGGAGGACGCTCC 18

RESULT 90
US-08-397-220B-7
Sequence 7, Application US/08397220B
Patent No. 6284458
GENERAL INFORMATION:
APPLICANT: Anderson et al.
TITLE OF INVENTION: Compositions And Methods For Treatment Of Hepatitis C Virus-Associated Diseases
NUMBER OF SEQUENCES: 98
CORRESPONDENCE ADDRESS:
ADDRESSEE: Jane Massey Licata, Esq.
STREET: 210 Lake Drive East, Suite 201
CITY: Cherry Hill
STATE: NJ
COUNTRY: USA
ZIP: 08002
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM 486
OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/397,220B
FILING DATE: 09-Mar-1995
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/JP93/01293
FILING DATE: 10-Sep-93
APPLICATION NUMBER: JP 5-87195
FILING DATE: 14-Apr-93
APPLICATION NUMBER: 07/945,289
FILING DATE: 10-Sep-92
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0031
TELECOMMUNICATION INFORMATION:
TELEPHONE: (609) 779-2400
TELEFAX: (609) 779-8488
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 21
TYPE: nucleic acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
SEQUENCE DESCRIPTION: SEQ ID NO: 7:
US-08-397-220B-7

Query Match 0.7%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 94;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1204 CCCTATCAGGGGCTGAC 1221
Db 4 CCCATCAGGGGCTGCG 21

RESULT 91
US-09-417-822-24/c
Sequence 24, Application US/09417822

Patent No. 6344549
GENERAL INFORMATION:
APPLICANT: Keegan, Kathy
TITLE OF INVENTION: ATR-2
FILE REFERENCE: 27866/35633
CURRENT APPLICATION NUMBER: US/09/417,822
CURRENT FILING DATE: 1999-10-14
NUMBER OF SEQ ID NOS: 43
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 24
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: primer SLOrev
US-09-417-822-24

Query Match 0.7%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 94;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 808 TGTAAGAAAGCCTGAG 825
Db 19 TGTAAGAACAGCCTGCAG 2

RESULT 92
US-08-650-093C-7
Sequence 7, Application US/08650093C
Patent No. 6391542
GENERAL INFORMATION:
APPLICANT: Kevin P. Anderson et al.
TITLE OF INVENTION: Compositions And Methods For Treatment Of Hepatitis C Virus-Associated Diseases
NUMBER OF SEQUENCES: 118
CORRESPONDENCE ADDRESS:
ADDRESSEE: LICATA & TYRRELL P.C.
STREET: 66 E. Main Street
CITY: Marlton
STATE: NJ
COUNTRY: USA
ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows 95
SOFTWARE: WORDPERFECT 6.1 for Windows
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/650,093C
FILING DATE: 17-May-1996
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/452,841
FILING DATE: May 30, 1995
APPLICATION NUMBER: 08/397,220
FILING DATE: March 9, 1995
APPLICATION NUMBER: 07/945,289
FILING DATE: September 10, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-
TELECOMMUNICATION INFORMATION:
TELEPHONE: (609) 779-2400
TELEFAX: (609) 779-8488
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 21
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
SEQUENCE DESCRIPTION: SEQ ID NO: 7:

US-08-650-093C-7

Query Match 0.7%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 94;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1204 CCCTATCAGGGGCTGAC 1221
Db 4 CCCCATCAGGGGCTGGC 21

RESULT 93
US-08-823-895A-7
Sequence 7, Application US/08823895A
Patent No. 6433159
GENERAL INFORMATION:
APPLICANT: Kevin P. Anderson
TITLE OF INVENTION: Compositions And Methods For Treatment Of Hepatitis C Virus-Associated Diseases
NUMBER OF SEQUENCES: 27
CORRESPONDENCE ADDRESS:
ADDRESSEE: Jane Massey Licata, Esq.
STREET: 66 E. Main Street
CITY: Marlton
STATE: NJ
COUNTRY: USA
ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM 486
OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/823,895A
FILING DATE: March 17, 1997
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/453,085
FILING DATE: May 30, 1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/945,289
FILING DATE: September 10, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0203
TELECOMMUNICATION INFORMATION:
TELEPHONE: (609) 779-2400
TELEFAX: (609) 810-1454
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 21
TYPE: Nucleic
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-08-823-895A-7

Query Match 0.7%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 94;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1204 CCCTATCAGGGGCTGAC 1221
Db 4 CCCCATCAGGGGCTGGC 21

RESULT 94
US-08-031-147A-56/c
Sequence 56, Application US/08031147A
Patent No. 5514577
GENERAL INFORMATION:
APPLICANT: Draper et al.

```
;
; TITLE OF INVENTION: Oligonucleotide Therapies for
; TITLE OF INVENTION: Modulating the Effects of Herpesviruses
; NUMBER OF SEQUENCES: 57
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz
; ADDRESSEE: Mackiewicz & No. 5514577ris
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/031,147A
; FILING DATE: March 12, 1993
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 485,297
; FILING DATE: February 26, 1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 852,132
; FILING DATE: April 28, 1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 954,185
; FILING DATE: September 29, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISIS-0469
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 56:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; ANTI-SENSE: yes
;
; US-08-031-147A-56
;
; Query Match 0.7%; Score 14.4; DB 1; Length 16;
; Best Local Similarity 93.8%; Pred. No. 51;
; Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
;
; QY 1251 CCCCATCCCCAACCCC 1266
; Db 16 CCCCAACCCCAACCCC 1
;
; RESULT 95
; US-08-403-888A-39/c
; Sequence 39, Application US/08403888A
; Patent No. 5952490
; GENERAL INFORMATION:
; APPLICANT: Hanecak et al.
; TITLE OF INVENTION: Oligonucleotides Having A Conserved G4 Core
; TITLE OF INVENTION: Sequence
; NUMBER OF SEQUENCES: 146
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5952490ris LLP
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: U.S.A.
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WordPerfect 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/403,888A
; FILING DATE: 12-JUN-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/954,185
; FILING DATE: 29-SEP-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Paul K. Legaard
; REGISTRATION NUMBER: 38,534
; REFERENCE/DOCKET NUMBER: ISIS-1229
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-568-3100
; TELEFAX: 215-568-3439
; INFORMATION FOR SEQ ID NO: 55:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16
; TYPE: nucleic acid
; STRANDEDNESS: single
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```
;
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WordPerfect 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/403,888A
; FILING DATE: 12-JUN-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/954,185
; FILING DATE: 29-SEP-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Paul K. Legaard
; REGISTRATION NUMBER: 38,534
; REFERENCE/DOCKET NUMBER: ISIS-1229
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-568-3100
; TELEFAX: 215-568-3439
; INFORMATION FOR SEQ ID NO: 39:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
; US-08-403-888A-39
;
; Query Match 0.7%; Score 14.4; DB 1; Length 16;
; Best Local Similarity 93.8%; Pred. No. 51;
; Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
;
; QY 1251 CCCCATCCCCAACCCC 1266
; Db 16 CCCCAACCCCAACCCC 1
;
; RESULT 96
; US-08-403-888A-55/c
; Sequence 55, Application US/08403888A
; Patent No. 5952490
; GENERAL INFORMATION:
; APPLICANT: Hanecak et al.
; TITLE OF INVENTION: Oligonucleotides Having A Conserved G4 Core
; TITLE OF INVENTION: Sequence
; NUMBER OF SEQUENCES: 146
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5952490ris LLP
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: U.S.A.
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WordPerfect 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/403,888A
; FILING DATE: 12-JUN-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/954,185
; FILING DATE: 29-SEP-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Paul K. Legaard
; REGISTRATION NUMBER: 38,534
; REFERENCE/DOCKET NUMBER: ISIS-1229
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-568-3100
; TELEFAX: 215-568-3439
; INFORMATION FOR SEQ ID NO: 55:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16
; TYPE: nucleic acid
; STRANDEDNESS: single
```

```

; TOPOLOGY: linear
US-08-403-888A-55
Query Match 0.7%; Score 14.4; DB 1; Length 16;
Best Local Similarity 93.8%; Pred. No. 51;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1251 CCCCATCCCCAACCCC 1266
Db 16 CCCCAACCCCAACCCC 1

RESULT 97
US-08-403-888A-112/c
; Sequence 112, Application US/08403888A
; Patent No. 5952490
; GENERAL INFORMATION:
; APPLICANT: Hanecak et al.
; TITLE OF INVENTION: Oligonucleotides Having A Conserved G4 Core
; NUMBER OF SEQUENCES: 146
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5952490-ris LLP
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: U.S.A.
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WordPerfect 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/403,888A
; FILING DATE: 12-JUN-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/954,185
; FILING DATE: 29-SEP-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Paul K. Legaard
; REGISTRATION NUMBER: 38,534
; REFERENCE/DOCKET NUMBER: ISIS-1229
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-568-3100
; TELEFAX: 215-568-3439
; INFORMATION FOR SEQ ID NO: 112:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-403-888A-112
Query Match 0.7%; Score 14.4; DB 1; Length 16;
Best Local Similarity 93.8%; Pred. No. 51;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1251 CCCCATCCCCAACCCC 1266
Db 16 CCCCAACCCCAACCCC 1

RESULT 98
PCT-US94-02471-56/c
; Sequence 56, Application PC/TUS9402471
; GENERAL INFORMATION:
; APPLICANT: Draper et al.
; TITLE OF INVENTION: Oligonucleotide Therapies for
; NUMBER OF SEQUENCES: 57
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:

```

```

; ADDRESSEE: Woodcock Washburn Kurtz
; ADDRESSEE: Mackiewicz & Norris
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US94/02471
; FILING DATE: Herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 485,297
; FILING DATE: February 26, 1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 852,132
; FILING DATE: April 28, 1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 954,185
; FILING DATE: September 29, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISIS-0469
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 56:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; ANTI-SENSE: Yes
PCT-US94-02471-56
Query Match 0.7%; Score 14.4; DB 1; Length 16;
Best Local Similarity 93.8%; Pred. No. 51;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1251 CCCCATCCCCAACCCC 1266
Db 16 CCCCAACCCCAACCCC 1

RESULT 99
US-08-031-147A-57/c
; Sequence 57, Application US/08031147A
; Patent No. 5514577
; GENERAL INFORMATION:
; APPLICANT: Draper et al.
; TITLE OF INVENTION: Oligonucleotide Therapies for
; NUMBER OF SEQUENCES: 57
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:

```

Qy	1251	CCCCATCCCCCAACCC	1266
Db	18	CCCCAACCCCAACCC	3

OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WordPerfect 6.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/403,888A
FILING DATE: 12-JUN-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/954,185
FILING DATE: 29-SEP-1992
ATTORNEY/AGENT INFORMATION:
NAME: Paul K. Legaard
REGISTRATION NUMBER: 38,534
REFERENCE/DOCKET NUMBER: ISIS-1229
TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-568-3100
TELEFAX: 215-568-3439
INFORMATION FOR SEQ ID NO: 111:
SEQUENCE CHARACTERISTICS:
LENGTH: 18
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-403-888A-111

Query Match 0.7%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred No. 75;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1251 CCCCATCCCCAACCCC 1266
|||||
DB 18 CCCCAACCCCAACCCC 3

RESULT 104
US-08-472-802C-35
Sequence 35, Application US/08472802C
Patent No. 5958680
GENERAL INFORMATION:
APPLICANT: Villeponteau, Bryant
APPLICANT: Feng, Junli
APPLICANT: Andrews, William H.
TITLE OF INVENTION: Mammalian Telomerase
NUMBER OF SEQUENCES: 44
CORRESPONDENCE ADDRESS:
ADDRESSES: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/472,802C
FILING DATE: 07-JUN-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/272,102
FILING DATE: 07-JUL-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/330,123
FILING DATE: 27-OCT-1994
ATTORNEY/AGENT INFORMATION:
NAME: Smith, William M.
REGISTRATION NUMBER: 30,223
REFERENCE/DOCKET NUMBER: 15389-000820
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 35:

US-08-403-888A-54/c
Sequence 54, Application US/08403888A
Patent No. 5952490
GENERAL INFORMATION:
APPLICANT: Hanecak et al.
TITLE OF INVENTION: Oligonucleotides Having A Conserved G4 Core
NUMBER OF SEQUENCES: 146
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5952490ris LLP
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STATE: PA
COUNTRY: U.S.A.
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WordPerfect 6.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/403,888A
FILING DATE: 12-JUN-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/954,185
FILING DATE: 29-SEP-1992
ATTORNEY/AGENT INFORMATION:
NAME: Paul K. Legaard
REGISTRATION NUMBER: 38,534
REFERENCE/DOCKET NUMBER: ISIS-1229
TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-568-3100
TELEFAX: 215-568-3439
INFORMATION FOR SEQ ID NO: 54:
SEQUENCE CHARACTERISTICS:
LENGTH: 18
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-403-888A-54

Query Match 0.7%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred No. 75;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1251 CCCCATCCCCAACCCC 1266
|||||
DB 18 CCCCAACCCCAACCCC 3

RESULT 103
US-08-403-888A-111/c
Sequence 111, Application US/08403888A
Patent No. 5952490
GENERAL INFORMATION:
APPLICANT: Hanecak et al.
TITLE OF INVENTION: Oligonucleotides Having A Conserved G4 Core
NUMBER OF SEQUENCES: 146
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5952490ris LLP
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STATE: PA
COUNTRY: U.S.A.
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
COMPUTER: IBM PC compatible

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; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
US-08-472-802C-35

Query Match
Best Local Similarity 0.7%; Score 14.4; DB 1; Length 18;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1251 CCCCATCCCCAACCCC 1266
Db 1 CCCCAACCCCAACCCC 16

RESULT 105
US-09-214-178-9/c
; Sequence 9, Application US/09214178
; Patent No. 6294332
; GENERAL INFORMATION:
; APPLICANT: CHABOT, Benoit
; TITLE OF INVENTION: COMPOSITION AND METHODS FOR MODULATING THE LENGTH OF
; FILE REFERENCE: 13024.2
; CURRENT APPLICATION NUMBER: US/09/214,178
; PRIOR FILING DATE: 1999-02-25
; PRIOR APPLICATION NUMBER: PCT/CA97/00471
; PRIOR FILING DATE: 1997-06-30
; PRIOR APPLICATION NUMBER: 60/020,956
; PRIOR FILING DATE: 1996-07-01
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 9
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: oligonucleotide
US-09-214-178-9

Query Match
Best Local Similarity 0.7%; Score 14.4; DB 1; Length 18;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1251 CCCCATCCCCAACCCC 1266
Db 18 CCCCAACCCCAACCCC 3

RESULT 106
US-09-057-351-35
; Sequence 35, Application US/09057351
; Patent No. 6548298
; GENERAL INFORMATION:
; APPLICANT: Valleponteau, Bryant
; APPLICANT: Ferg, Junli
; APPLICANT: Funk, Walter
; APPLICANT: Andrews, William H.
; TITLE OF INVENTION: Mammalian Telomerase
; NUMBER OF SEQUENCES: 42
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible

```

```

; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/057,351
; FILING DATE: 08-APR-1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/272,102
; FILING DATE: 07-JUL-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/330,123
; FILING DATE: 27-OCT-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/472,802
; FILING DATE: 07-JUN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Storella, John R.
; REGISTRATION NUMBER: 32,944
; REFERENCE/DOCKET NUMBER: 015389-000821US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 35:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
US-09-057-351-35

Query Match
Best Local Similarity 0.7%; Score 14.4; DB 1; Length 18;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1251 CCCCATCCCCAACCCC 1266
Db 1 CCCCAACCCCAACCCC 16

RESULT 107
PCT-US94-02471-57/c
; Sequence 57, Application PC/TUS9402471
; GENERAL INFORMATION:
; APPLICANT: Draper et al.
; TITLE OF INVENTION: Oligonucleotide Therapies for
; TITLE OF INVENTION: Modulating the Effects of Herpesviruses
; NUMBER OF SEQUENCES: 57
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz
; ADDRESSEE: Mackiewicz & Norris
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US94/02471
; FILING DATE: Herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 485,297
; FILING DATE: February 26, 1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 852,132
; FILING DATE: April 28, 1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 954,185

```


FILING DATE: September 29, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISIS-0469
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 57:
SEQUENCE CHARACTERISTICS:
LENGTH: 18
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
ANTI-SENSE: Yes
PCT-US94-02471-57

Query Match 0.7%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 75;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1251 CCCATCCCCAACCC 1266
DB 18 CCCCAACCCCAACCC 3

RESULT 108
US-09-165-264-10
Sequence 10, Application US/09165264
Patent No. 6197510
GENERAL INFORMATION:
APPLICANT: Vinayagamorthy, Thirathayah
TITLE OF INVENTION: Multi-Loci Genomic Analysis
FILE REFERENCE: 44747
CURRENT APPLICATION NUMBER: US/09/165,264
CURRENT FILING DATE: 1998-10-01
NUMBER OF SEQ ID NOS: 14
SOFTWARE: Patent In Ver. 2.1
SEQ ID NO 10
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Primer sequence
US-09-165-264-10

Query Match 0.7%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 80;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1198 GCACCAACCTATCAGG 1213
DB 4 GCAGCAACCTATCAGG 19

RESULT 109
US-08-904-901-134/c
Sequence 134, Application US/08904901
Patent No. 5998383
GENERAL INFORMATION:
APPLICANT: Wright, Jim A.
TITLE OF INVENTION: ANTITUMOR ANTISENSE SEQUENCES DIRECTED
AGAINST RIBONUCLEOTIDE REDUCTASE
NUMBER OF SEQUENCES: 163
CORRESPONDENCE ADDRESS:
ADDRESSEE: KOHN & ASSOCIATES
STREET: 30500 No. 5998383thwestern Hwy. Suite 410
CITY: Farmington Hills
STATE: Michigan
COUNTRY: US
ZIP: 48334
COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/904,901
FILING DATE:
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Kohn, Kenneth I.
REGISTRATION NUMBER: 30,955
REFERENCE/DOCKET NUMBER: 0227.00004
TELECOMMUNICATION INFORMATION:
TELEPHONE: (248) 539-5050
TELEFAX: (248) 539-5055
INFORMATION FOR SEQ ID NO: 134:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
ANTI-SENSE: YES
US-08-904-901-134

Query Match 0.7%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1e-02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 908 TTTTCTTTGGCTTTG 923
DB 18 TTTTCTTTGGCTTTG 3

RESULT 110
US-09-249-730-134/c
Sequence 134, Application US/09249730
Patent No. 6121000
GENERAL INFORMATION:
APPLICANT: WRIGHT, Jim A.
TITLE OF INVENTION: Antitumor Antisense Sequences Directed Against R1 and
TITLE OF INVENTION: R2 Components of Ribonucleotide Reductase
FILE REFERENCE: 032396-040
CURRENT APPLICATION NUMBER: US/09/249,730
CURRENT FILING DATE: 1999-02-11
NUMBER OF SEQ ID NOS: 220
SOFTWARE: Patent In Ver. 2.0
SEQ ID NO 134
LENGTH: 20
TYPE: DNA
ORGANISM: Human
US-09-249-730-134

Query Match 0.7%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1e-02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 908 TTTTCTTTGGCTTTG 923
DB 18 TTTTCTTTGGCTTTG 3

RESULT 111
US-09-513-729B-54/c
Sequence 54, Application US/09513729B
Patent No. 6165791
GENERAL INFORMATION:
APPLICANT: Ian Popoff
TITLE OF INVENTION: ANTISENSE MODULATION OF E2F TRANSCRIPTION FACTOR 3 EXPRESSION
FILE REFERENCE: RTS-0112
CURRENT APPLICATION NUMBER: US/09/513,729B

; CURRENT FILING DATE: 2000-02-24
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 54
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-513-729B-54

Query Match 0.7%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1021 GAGGGGAGCTTGAAG 1036
|||||
DB 20 GAGGGGAGCTTGAG 5

RESULT 112
US-09-249-247-134/C
; Sequence 134, Application US/09249247
; Patent No. 6593305
; GENERAL INFORMATION:
; APPLICANT: WRIGHT, Jim A.
; TITLE OF INVENTION: Antitumor Antisense Sequences Directed Against R1 and
; FILE REFERENCE: 032396-023
; CURRENT APPLICATION NUMBER: US/09/249,247
; CURRENT FILING DATE: 1999-02-11
; EARLIER APPLICATION NUMBER: US 60/023,040
; EARLIER FILING DATE: 1996-08-02
; EARLIER APPLICATION NUMBER: US 60/039,959
; EARLIER FILING DATE: 1997-03-07
; EARLIER APPLICATION NUMBER: US 08/904,901
; EARLIER FILING DATE: 1997-08-01
; NUMBER OF SEQ ID NOS: 220
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 134
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Human
US-09-249-247-134

Query Match 0.7%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 308 TTTCTTTTGGTCTTTG 923
|||||
DB 18 TTTCTTTTGGTCTTTG 3

RESULT 113
US-09-526-193A-137
; Sequence 137, Application US/09526193A
; Patent No. 6617122
; GENERAL INFORMATION:
; APPLICANT: Hayden, Michael R.
; APPLICANT: Brooks-Wilson, Angela R.
; APPLICANT: Fimstone, Simon N.
; TITLE OF INVENTION: METHODS AND REAGENTS FOR MODULATING
; FILE REFERENCE: 50110/002005
; CURRENT APPLICATION NUMBER: US/09/526,193A
; CURRENT FILING DATE: 2000-03-15
; PRIOR APPLICATION NUMBER: 60/124,702
; PRIOR FILING DATE: 1999-03-15
; PRIOR APPLICATION NUMBER: 60/136,048
; PRIOR FILING DATE: 1999-06-08
; PRIOR APPLICATION NUMBER: 60/139,600
; PRIOR FILING DATE: 1999-06-17

; PRIOR APPLICATION NUMBER: 60/151,977
; PRIOR FILING DATE: 1999-09-01
; NUMBER OF SEQ ID NOS: 287
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 137
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-526-193A-137

Query Match 0.7%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1070 GCTTCAGTCCCACTCC 1085
|||||
DB 1 GCTTCAGTCCCACTCC 16

RESULT 114
US-08-709-368-1
; Sequence 1, Application US/08709368
; Patent No. 5910410
; GENERAL INFORMATION:
; APPLICANT: Lichtenwalter, K., Ward, C.
; TITLE OF INVENTION: Dual Tag Binding Assay
; NUMBER OF SEQUENCES: 3
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hewlett Packard Co.
; STREET: 1501 Page Mill Road
; CITY: Palo Alto
; STATE: CA
; COUNTRY: U.S.A.
; ZIP: 94304-1126
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette -- 3.50 inch, 1.4 Mb storage
; COMPUTER: IBM PC/XT/AT
; OPERATING SYSTEM: MS-DOS
; SOFTWARE: No. 5910410epad
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/709,368
; FILING DATE: 06-Sep-1996
; CLASSIFICATION: 435
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: Single stranded
; TOPOLOGY: linear
US-08-709-368-1

Query Match 0.7%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.2e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1130 CTTTCACCTCCAGCTCCAC 1148
|||||
DB 1 CTTTCACCTCCAGCTCCAC 19

RESULT 115
US-09-657-042A-75/c
; Sequence 75, Application US/09657042A
; Patent No. 6329203
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF GLIOMA-ASSOCIATED ONCOGENE-1 EXPRI
; FILE REFERENCE: RTS-0148
; CURRENT APPLICATION NUMBER: US/09/657,042A
; CURRENT FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 75

```

; Sequence 4, Application US/09742373
; Patent No. 6562946
; GENERAL INFORMATION:
; APPLICANT: Althaus, Harald
; APPLICANT: Hauser, Hans-Peter
; TITLE OF INVENTION: Human Procalcitonin and the Preparation and Use Thereof

```

```
; FILE REFERENCE: 05552.1445-00
; CURRENT APPLICATION NUMBER: US/09/742,373
; CURRENT FILING DATE: 2000-12-22
; PRIOR APPLICATION NUMBER: 19962434.8
; PRIOR FILING DATE: 1999-12-22
; PRIOR APPLICATION NUMBER: 10016278.9
; PRIOR FILING DATE: 2000-04-03
; PRIOR APPLICATION NUMBER: 10027954.6
; PRIOR FILING DATE: 2000-06-08
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 4
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Unknown Organism
; FEATURE:
; OTHER INFORMATION: Description of Unknown Organism: Primer, non
; OTHER INFORMATION: genomic DNA
US-09-742-373-4

Query Match      0.7%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.2e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1057 GCCCAACCCCAAGCTTCA 1075
    |||||  |||||  |||||  |||||
DB 20 GCCCAGATCTAAGCTTCA 2

RESULT 121
US-09-081-385-31
; Sequence 31, Application US/09081385
; Patent No. 6593456
; GENERAL INFORMATION:
; APPLICANT: Gatanaga, T.
; APPLICANT: Granger, G.A.
; TITLE OF INVENTION: Factors Altering Tumor Necrosis
; TITLE OF INVENTION: Factor Receptor Releasing Enzyme Activity, and Methods
; TITLE OF INVENTION: of Use Thereof
; NUMBER OF SEQUENCES: 154
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORRISON & FORSTER
; STREET: 755 PAGE MILL ROAD
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304-1018
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: Windows
; SOFTWARE: FastSeq for Windows Version 2.0b
; CURRENT APPLICATION DATA:
; FILING DATE: US/09/081,385
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/964,747
; FILING DATE: 05-NOV-1997
; APPLICATION NUMBER: 60/030,761
; FILING DATE: 06-NOV-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Wu, Frank
; REGISTRATION NUMBER: 41,386
; REFERENCE/DOCKET NUMBER: 22000-20577.21
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 650-813-5600
; TELEFAX: 650-494-0792
; TELEX: 706141
; INFORMATION FOR SEQ ID NO: 31:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
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; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-081-385-31

Query Match      0.7%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.2e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 865 GGCACCTGAGGACTCAGGCA 883
    |||||  |||||  |||||  |||||
DB 1 GTCACCTGGGAGACTCCGGCA 19

RESULT 122
US-08-985-162-61/c
; Sequence 61, Application US/08985162
; Patent No. 6057156
; GENERAL INFORMATION:
; APPLICANT: Akhtar, Saghir
; APPLICANT: Fell, Patricia
; APPLICANT: McSwigen, James
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
; TITLE OF INVENTION: FACTOR RECEPTORS
; NUMBER OF SEQUENCES: 1877
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/985,162
; FILING DATE: 04 December 1997
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/036,476
; FILING DATE: 31 January 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 230/107
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 61:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-985-162-61

Query Match      0.6%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 91;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 860 TTAAGGGCAGCTGAGGAC 876
    |||||  |||||  |||||  |||||
DB 17 TTGAGGGCAATGAGGAC 1

RESULT 123
```

```
US-09-474-432B-677/c
; Sequence 677, Application US/09474432B
; Patent No. 6528640
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Burgin, Alex
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka
; APPLICANT: Sweedler, David
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleot
; FILE REFERENCE: MBH00-831-B (247/276)
; CURRENT APPLICATION NUMBER: US/09/474,432B
; CURRENT FILING DATE: 1999-12-19
; PRIOR APPLICATION NUMBER: US 60/064,866
; PRIOR FILING DATE: 1997-11-05
; PRIOR APPLICATION NUMBER: US 60/084,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: US 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: US 09/301,511
; PRIOR FILING DATE: 1999-04-28
; NUMBER OF SEQ ID NOS: 1526
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 677
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-474-432B-677

Query Match      0.6%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 91;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1112 GTCCCGTGCCCGAGTTCC 1128
Db 17 GTCCACTGCCCGAGTTCC 1

RESULT 124
US-09-401-063-61/c
; Sequence 61, Application US/09401063
; Patent No. 6623962
; GENERAL INFORMATION:
; APPLICANT: Akhtar, Saghir
; APPLICANT: Fell, Patricia
; APPLICANT: McSwigen, James
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
; TITLE OF INVENTION: FACTOR RECEPTORS
; NUMBER OF SEQUENCES: 1877
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: Storageable
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/401,063
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/985,162
; FILING DATE: 04 December 1997
; APPLICATION NUMBER: 60/036,476
; FILING DATE: 31 January 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 230/107
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 61:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-401-063-61

Query Match      0.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 91;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 860 TTAAGGGCACTGAGGAC 876
Db 17 TTGAGGGCAATGAGGAC 1

RESULT 126
```

```
US-09-866-108A-971
; Sequence 971, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; SOFTWARE: Aecomica Sequence Listing Engine
; NUMBER OF SEQ ID NOS: 15755
; Patent No. 6686188
; SEQ ID NO 971
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-971

Query Match 0.6%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. NO. 91;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1053 CTGCGCCCAACCCCAA 1069
Db 1 CCAGGCCCAAGCCCAA 17

RESULT 127
US-09-866-108A-972
; Sequence 972, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
```

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US-09-866-108A-971
; Sequence 971, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; SOFTWARE: Aecomica Sequence Listing Engine
; NUMBER OF SEQ ID NOS: 15755
; Patent No. 6686188
; SEQ ID NO 972
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-972

Query Match 0.6%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. NO. 91;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1054 CTGCGCCCAACCCCAAG 1070
Db 1 CAGGCCCAAGCCCAAG 17

RESULT 128
US-09-866-108A-972
; Sequence 972, Application US/08577081A
; Patent No. 6030775
; GENERAL INFORMATION:
; APPLICANT: Yang, Soo Young
; APPLICANT: Cereb, Nezh
; TITLE OF INVENTION: Methods and Reagents for Typing HLA
; TITLE OF INVENTION: Class I Genes
; NUMBER OF SEQUENCES: 84
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Oppedahl & Larson
; STREET: 1992 Commerce Street Suite 309
; CITY: Yorktown
; STATE: NY
; COUNTRY: US
; ZIP: 10598
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette - 3.5 inch, 1.44 Mb storage
; COMPUTER: IBM compatible
; OPERATING SYSTEM: MS DOS
; SOFTWARE: Word Perfect
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/577,081A
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Larson, Marina T.
; REGISTRATION NUMBER: 32,038
; REFERENCE/DOCKET NUMBER: MSK.P-001-US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (914) 245-3252
; TELEFAX: (914) 962-4330
; TELEX:
```

```
; INFORMATION FOR SEQ ID NO: 67:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; HYPOTHETICAL: no
; ANTI-SENSE: yes
; FRAGMENT TYPE: internal
; ORIGINAL SOURCE:
; ORGANISM: human
; FEATURE:
; OTHER INFORMATION: hybridization probe GE2-183 for typing of
; OTHER INFORMATION: HLA Class I genes
US-08-577-081A-67

Query Match 0.6%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. NO. 1.1e-02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 731 AGGAGACAGGACACC 747
Db 2 AGGAGACAGGACACC 18

RESULT 129
PCT-US93-12600-5
; Sequence 5, Application PC/TUS9312600
; GENERAL INFORMATION:
; APPLICANT: Penner, Larry A.
; APPLICANT: Rege, Ajay A.
; TITLE OF INVENTION: ANTISENSE MOLECULES DIRECTED AGAINST A
; TITLE OF INVENTION: FIBROBLAST GROWTH FACTOR RECEPTOR GENE FAMILY
; NUMBER OF SEQUENCES: 29
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dressler, Goldsmith, Shore &
; ADDRESSEE: Milanow, Ltd.
; STREET: 180 North Stetson, Suite 4700
; CITY: Chicago
; STATE: Illinois
; COUNTRY: USA
; ZIP: 60601
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US93/12600
; FILING DATE: 28-DEC-1993
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/999,706
; FILING DATE: December 31, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Katz, Martin L.
; REGISTRATION NUMBER: 25,011
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (312)616-5400
; TELEFAX: (312)616-5460
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
PCT-US93-12600-5

Query Match 0.6%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. NO. 1.1e-02;

Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1134 CACCTCCAGCTCCACCT 1150
Db 2 CACTTCCAGCTCCACAT 18

RESULT 130
US-09-866-108A-973
; Sequence 973, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 973
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-973

Query Match 0.6%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. NO. 1.2e-02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1056 GGCCCCCAAGCCCAAG 1070
Db 2 GGCCCCAAGCCCAAG 16

RESULT 131
US-09-866-108A-974
; Sequence 974, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
```

APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: A601-05-25
CURRENT APPLICATION NUMBER: US/09/866,108A
PRIOR FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Acomica Sequence Listing Engine
Patent No. 6666188
SEQ ID NO 974
TYPE: DNA
LENGTH: 17
ORGANISM: Homo sapiens
US-09-866-108A-974

Query Match 0.6%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 1.2e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1056 GGCCCCAACCCCAAG 1070
DB 1 GGCCCCAACCCCAAG 15

RESULT 132
US-09-205-204-18
Sequence 18, Application US/09205204
Patent No. 5958772
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Elizabeth J. Ackermann
APPLICANT: Lex M. Cowsett
TITLE OF INVENTION: ANTISENSE MODULATION OF CELLULAR INHIBITOR OF APOPTOSIS-1 EXPRESSION
FILE REFERENCE: RTS-0020
CURRENT APPLICATION NUMBER: US/09/205,204
CURRENT FILING DATE: 1998-12-03
NUMBER OF SEQ ID NOS: 47
SEQ ID NO 18
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-205-204-18

Query Match 0.6%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 1.4e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 761 ATGCGGTTCTTC 775
DB 4 ATGCGGTTCTTC 18

RESULT 133
US-09-422-978-5085
Sequence 5085, Application US/09422978
Patent No. 6537751
GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSET.020CPI
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-11-23
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 5085
LENGTH: 18
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: primer_bind
LOCATION: 1..18_bind
OTHER INFORMATION: upstream amplification primer 99-20747 for SEQ 1151,
US-09-422-978-5085

Query Match 0.6%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 1.4e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 976 TCCAGCTCTACTCC 990
DB 4 TCCAACTCTACTCC 18

RESULT 134
US-09-357-740-9
Sequence 9, Application US/09357740
Patent No. 6348596
GENERAL INFORMATION:
APPLICANT: Lee, Linda G.
APPLICANT: Graham, Ronald J.
APPLICANT: Mullah, Khairuzzaman B.
APPLICANT: Haxo, Francis T.
TITLE OF INVENTION: ASYMMETRIC CYANINE DYE QUENCHERS
FILE REFERENCE: 9584-007
CURRENT APPLICATION NUMBER: US/09/357,740
CURRENT FILING DATE: 1999-07-20
EARLIER APPLICATION NUMBER: 09/012,525
EARLIER FILING DATE: 1998-01-23
NUMBER OF SEQ ID NOS: 22
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 9
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Probe
US-09-357-740-9

Query Match 0.6%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 1.6e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1252 CCCATCCCCAACCCC 1265
DB 4 CCCATCCCCAGCCCC 18


```
RESULT 135
US-09-422-978-7262/c
; Sequence 7262, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 7262
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..19_bind
; OTHER INFORMATION: upstream amplification primer 99-3335 for SEQ 3328,
US-09-422-978-7262
Query Match      0.6%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 1.6e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      862 AAGGGCACTGGAGC 876
      |||||||
Db      16 AAGGGCACTGGAGAC 2

RESULT 136
PCT-US91-03680-1/c
; Sequence 1, Application PC/TUS9103680
; GENERAL INFORMATION:
; APPLICANT: Matteucci, Mark D.
; APPLICANT: Krawczyk, Steven
; TITLE OF INVENTION: SEQUENCE-SPECIFIC NONPHOTOACTIVATED
; FILE REFERENCE: Patentin Release #1.0, Version #1.25
; TITLE OF INVENTION: CROSSLINKING AGENTS WHICH BIND TO THE MAJOR GROOVE OF
; NUMBER OF SEQUENCES: 158
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Morrison & Foerster
; STREET: 545 Middlefield Road, Suite 200
; CITY: Menlo Park
; STATE: California
; COUNTRY: USA
; ZIP: 94025
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US91/03680
; FILING DATE: 19910524
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Murashige, Kate H.
; REGISTRATION NUMBER: 29,959
; REFERENCE/DOCKET NUMBER: 4610-0011.40
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-327-7250
; TELEFAX: 415-327-2951
; TELEX: 706141
; INFORMATION FOR SEQ ID NO: 1:
US-09-422-978-7262/c
; Sequence 7262, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 7262
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..19_bind
; OTHER INFORMATION: upstream amplification primer 99-3335 for SEQ 3328,
US-09-422-978-7262
Query Match      0.6%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 1.6e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      862 AAGGGCACTGGAGC 876
      |||||||
Db      16 AAGGGCACTGGAGAC 2

RESULT 137
US-09-213-767-24/c
; Sequence 24, Application US/09213767
; Patent No. 5948680
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF ELK-1 EXPRESSION
; FILE REFERENCE: RTS-0024
; CURRENT APPLICATION NUMBER: US/09/213,767
; CURRENT FILING DATE: 1998-12-17
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 24
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-213-767-24
Query Match      0.6%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 1.6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1120 CCCAGTTCACCTTCACC 1137
      |||||||
Db      18 CTCATTCCACCTTCACC 1

RESULT 138
US-09-135-021-72
; Sequence 72, Application US/09135021A
; Patent No. 6150104
; GENERAL INFORMATION:
; APPLICANT: Splawski, Igor
; APPLICANT: Keating, Mark T.
; TITLE OF INVENTION: A HOMOZYGOUS MUTATION IN KVLOT1 WHICH CAUSES JERVELL
; FILE REFERENCE: 2323-128
; CURRENT APPLICATION NUMBER: US/09/135,021A
; CURRENT FILING DATE: 1998-08-17
; EARLIER APPLICATION NUMBER: 08/874,655
; EARLIER FILING DATE: 1997-06-13
; EARLIER APPLICATION NUMBER: 60/094,477
; EARLIER FILING DATE: 1998-07-29
; NUMBER OF SEQ ID NOS: 80
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 72
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-135-021-72
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Query Match 0.6%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 1.6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1253 CCATCCCCAACCCCTTC 1270
Db 1 CCATCCCCAGCCCCATC 18

RESULT 139
US-09-071-433-26/c
; Sequence 26, Application US/09071433A
; Patent No. 6197594
; GENERAL INFORMATION:
; APPLICANT: Bennett, C. Frank
; APPLICANT: Cowsett, Lex M
; TITLE OF INVENTION: Antisense Modulation of CD40 Expression
; FILE REFERENCE: RTS-0002
; CURRENT APPLICATION NUMBER: US/09/071,433A
; CURRENT FILING DATE: 1998-05-01
; NUMBER OF SEQ ID NOS: 91
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 26
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-071-433-26

Query Match 0.6%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 1.6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1006 TCGACACCTGAAAGAG 1023
Db 18 TAGACACCTGGACAG 1

RESULT 140
US-09-135-020-74
; Sequence 74, Application US/09135020
; Patent No. 6274332
; GENERAL INFORMATION:
; APPLICANT: Keating, Mark T.
; APPLICANT: Sanguinetti, Michael C.
; APPLICANT: Splawski, Igor
; TITLE OF INVENTION: MUTATIONS IN THE KCNE1 GENE ENCODING HUMAN MINK WHICH CAUSE ARRHYTHMIA SUSCEPTIBILITY THEREBY ESTABLISHING
; FILE REFERENCE: 2323-131
; CURRENT APPLICATION NUMBER: US/09/135,020
; CURRENT FILING DATE: 1998-08-17
; EARLIER APPLICATION NUMBER: 08/921,068
; EARLIER FILING DATE: 1997-08-29
; EARLIER APPLICATION NUMBER: 08/739,383
; EARLIER FILING DATE: 1996-10-29
; EARLIER APPLICATION NUMBER: 60/019,014
; EARLIER FILING DATE: 1995-12-22
; EARLIER APPLICATION NUMBER: 60/094,477
; EARLIER FILING DATE: 1998-07-29
; NUMBER OF SEQ ID NOS: 114
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 74
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-135-020-74

Query Match 0.6%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 1.6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1253 CCATCCCCAACCCCTTC 1270
Db 1 CCATCCCCAGCCCCATC 18

RESULT 141
US-09-135-010A-74
; Sequence 74, Application US/09135010A
; Patent No. 6277978
; GENERAL INFORMATION:
; APPLICANT: Keating, Mark T.
; APPLICANT: Sanguinetti, Michael C.
; APPLICANT: Curran, Mark E.
; APPLICANT: Landes, Gregory M.
; APPLICANT: Connors, Timothy D.
; APPLICANT: Burn, Timothy C.
; APPLICANT: Splawski, Igor
; TITLE OF INVENTION: KVLQT1 - A LONG QT SYNDROME GENE
; FILE REFERENCE: 2323-133
; CURRENT APPLICATION NUMBER: US/09/135,010A
; CURRENT FILING DATE: 1998-08-17
; PRIOR APPLICATION NUMBER: 60/094,477
; PRIOR FILING DATE: 1998-07-29
; PRIOR APPLICATION NUMBER: 08/921,068
; PRIOR FILING DATE: 1997-08-29
; PRIOR APPLICATION NUMBER: 08/739,383
; PRIOR FILING DATE: 1996-10-29
; PRIOR APPLICATION NUMBER: 60/019,014
; PRIOR FILING DATE: 1995-12-22
; NUMBER OF SEQ ID NOS: 116
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 74
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-135-010A-74

Query Match 0.6%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 1.6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1253 CCATCCCCAACCCCTTC 1270
Db 1 CCATCCCCAGCCCCATC 18

RESULT 142
US-09-444-871-74
; Sequence 74, Application US/09444871
; Patent No. 6323026
; GENERAL INFORMATION:
; APPLICANT: Keating, Mark T.
; APPLICANT: Sanguinetti, Michael C.
; APPLICANT: Splawski, Igor
; TITLE OF INVENTION: MUTATIONS IN THE KCNE1 GENE ENCODING HUMAN MINK WHICH CAUSE ARRHYTHMIA SUSCEPTIBILITY THEREBY ESTABLISHING
; FILE REFERENCE: 2323-131
; CURRENT APPLICATION NUMBER: US/09/444,871
; CURRENT FILING DATE: 1999-11-22
; EARLIER APPLICATION NUMBER: US/09/135,020
; EARLIER FILING DATE: 1998-08-17
; EARLIER APPLICATION NUMBER: 08/921,068
; EARLIER FILING DATE: 1997-08-29
; EARLIER APPLICATION NUMBER: 08/739,383
; EARLIER FILING DATE: 1996-10-29
; EARLIER APPLICATION NUMBER: 60/019,014
; EARLIER FILING DATE: 1995-12-22
; EARLIER APPLICATION NUMBER: 60/094,477
; EARLIER FILING DATE: 1998-07-29
; NUMBER OF SEQ ID NOS: 114
; SOFTWARE: PatentIn Ver. 2.0

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; SEQ ID NO 74
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-444-871-74

Query Match      0.6%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 1.6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1253 CCATCCCCAACCCCTTC 1270
Db 1 CCATCCCCAGCCCATC 18

RESULT 143
US-09-597-735-74
; Sequence 74, Application US/09597735
; Patent No. 6420124
; GENERAL INFORMATION:
; APPLICANT: Keating, Mark T.
; APPLICANT: Sanguinetti, Michael C.
; APPLICANT: Curran, Mark E.
; APPLICANT: Landes, Gregory M.
; APPLICANT: Connors, Timothy D.
; APPLICANT: Burn, Timothy C.
; APPLICANT: Splawski, Igor
; TITLE OF INVENTION: KVLQT1 - A LONG QT SYNDROME GENE
; FILE REFERENCE: 2323-133
; CURRENT APPLICATION NUMBER: US/09/597,735
; EARLIER FILING DATE: 2000-06-19
; EARLIER APPLICATION NUMBER: 09/135,010
; EARLIER FILING DATE: 1998-08-17
; EARLIER APPLICATION NUMBER: 60/094,477
; EARLIER FILING DATE: 1998-07-29
; EARLIER APPLICATION NUMBER: 08/921,068
; EARLIER FILING DATE: 1997-08-29
; EARLIER APPLICATION NUMBER: 08/739,383
; EARLIER FILING DATE: 1996-10-29
; EARLIER APPLICATION NUMBER: 60/019,014
; EARLIER FILING DATE: 1995-12-22
; NUMBER OF SEQ ID NOS: 116
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 74
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-597-735-74

Query Match      0.6%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 1.6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1253 CCATCCCCAACCCCTTC 1270
Db 1 CCATCCCCAGCCCATC 18

RESULT 144
US-09-444-295-74
; Sequence 74, Application US/09444295
; Patent No. 6432644
; GENERAL INFORMATION:
; APPLICANT: Keating, Mark T.
; APPLICANT: Sanguinetti, Michael C.
; APPLICANT: Splawski, Igor
; TITLE OF INVENTION: MUTATIONS IN THE KCNE1 GENE ENCODING HUMAN MINK WHICH CAUSE ARRYTHMIA SUSCEPTIBILITY THEREBY ESTABLISHING KCNE1 AS AN LQT GENE
; FILE REFERENCE: 2323-131
; CURRENT APPLICATION NUMBER: US/09/444,295
; CURRENT FILING DATE: 1999-11-22
; PRIOR APPLICATION NUMBER: 09/135,020
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; PRIOR FILING DATE: 1998-08-17
; PRIOR APPLICATION NUMBER: 08/921,068
; PRIOR FILING DATE: 1997-08-29
; PRIOR APPLICATION NUMBER: 08/739,383
; PRIOR FILING DATE: 1996-10-29
; PRIOR APPLICATION NUMBER: 60/019,014
; PRIOR FILING DATE: 1995-12-22
; PRIOR APPLICATION NUMBER: 60/094,477
; NUMBER OF SEQ ID NOS: 114
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 74
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-444-295-74

Query Match      0.6%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 1.6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1253 CCATCCCCAACCCCTTC 1270
Db 1 CCATCCCCAGCCCATC 18

RESULT 145
US-09-597-732-74
; Sequence 74, Application US/09597732
; Patent No. 6451534
; GENERAL INFORMATION:
; APPLICANT: Keating, Mark T.
; APPLICANT: Sanguinetti, Michael C.
; APPLICANT: Curran, Mark E.
; APPLICANT: Landes, Gregory M.
; APPLICANT: Connors, Timothy D.
; APPLICANT: Burn, Timothy C.
; APPLICANT: Splawski, Igor
; TITLE OF INVENTION: KVLQT1 - A LONG QT SYNDROME GENE
; FILE REFERENCE: 2323-133
; CURRENT APPLICATION NUMBER: US/09/597,732
; CURRENT FILING DATE: 2000-06-19
; PRIOR APPLICATION NUMBER: 09/135,010
; PRIOR FILING DATE: 1998-08-17
; PRIOR APPLICATION NUMBER: 60/094,477
; PRIOR FILING DATE: 1998-07-29
; PRIOR APPLICATION NUMBER: 08/921,068
; PRIOR FILING DATE: 1997-08-29
; PRIOR APPLICATION NUMBER: 08/739,383
; PRIOR FILING DATE: 1996-10-29
; PRIOR APPLICATION NUMBER: 60/019,014
; NUMBER OF SEQ ID NOS: 116
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 74
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-597-732-74

Query Match      0.6%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 1.6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1253 CCATCCCCAACCCCTTC 1270
Db 1 CCATCCCCAGCCCATC 18

RESULT 146
US-09-531-000-29
; Sequence 29, Application US/09531000
; Patent No. 6461810
```

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; GENERAL INFORMATION:
; APPLICANT: JOHNSON, Marion D.
; APPLICANT: FRESCO, Jacques R.
; TITLE OF INVENTION: TRIPLEX IN-SITU HYBRIDIZATION
; FILE REFERENCE: 2448-103
; CURRENT APPLICATION NUMBER: US/09/531,000
; CURRENT FILING DATE: 2000-09-08
; PRIOR APPLICATION NUMBER: PCT/US98/23765
; PRIOR FILING DATE: 1998-11-10
; PRIOR APPLICATION NUMBER: 60/064,997
; PRIOR FILING DATE: 1997-11-10
; NUMBER OF SEQ ID NOS: 77
; SOFTWARE: Patent in Ver. 2.1
; SEQ ID NO 29
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target
; OTHER INFORMATION: sequences
US-09-531-000-29

Query Match          0.6%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 1.6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 927 TTTATCCCTCTCTCTTCAT 944
    ||||| ||||| |||||
Db 1 TTTCTCCTTTCTCTTCAT 18

RESULT 147
US-09-422-978-4110/c
; Sequence 4110, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 4110
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: upstream amplification primer 99-13332 for SEQ 176,
US-09-422-978-4110

Query Match          0.6%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 1.6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 813 GAAAGCCTCGAGTGCAC 830
    ||||| ||||| |||||
Db 18 GAAAGCCTCAACTGCAC 1

RESULT 148
US-09-422-978-4877/c
; Sequence 4877, Application US/09422978
; Patent No. 6537751
```

```
RESULT 150
US-09-622-166A-31/c
; Sequence 31, Application US/09622166A
; Patent No. 6613546
; GENERAL INFORMATION:
; APPLICANT: OHTOMO, TOSHIHIKO
; APPLICANT: TSUCHIYA, MASAYUKI
; APPLICANT: KOISHIHARA, YASUO
; APPLICANT: KOSAKA, NAAAKI
; TITLE OF INVENTION: GENOMIC GENE ENCODING HM 1.24 ANTIGEN PROTEIN AND
; FILE REFERENCE: 053466/0285
; CURRENT APPLICATION NUMBER: US/09/622.166A
; CURRENT FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: PCT/JP99/00884
; PRIOR FILING DATE: 1999-02-25
; PRIOR APPLICATION NUMBER: 10-60617
; PRIOR FILING DATE: 1998-02-25
; PRIOR APPLICATION NUMBER: 10-93883
; PRIOR FILING DATE: 1998-03-24
; NUMBER OF SEQ ID NOS: 33
; SOFTWARE: Patent in ver. 2.1
; SEQ ID NO 31
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-622-166A-31

Query Match      0.6%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 1.6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1020 AGAGGGGAGCTTGAGG 1037
DB 18 AGTGAGGAGCTTGAGG 1

RESULT 151
US-08-585-684B-616/c
; Sequence 616, Application US/08585684B
; Patent No. 5877021
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Daniel T.
; APPLICANT: Jarvis, Thale
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
; TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
; NUMBER OF SEQUENCES: 2751
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSEQ Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/585.684B
; FILING DATE: January 16, 1996
; PRIOR APPLICATION DATA:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSEQ Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/585.684B
; FILING DATE: January 16, 1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/000.951
; FILING DATE: July 7, 1995
```

```
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/078
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 616:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-585-684B-616

Query Match      0.6%; Score 13; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 1e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1011 ACCTGAAAAGAG 1023
DB 14 ACCTGAAAAGAG 2

RESULT 152
US-08-585-684B-617/c
; Sequence 617, Application US/08585684B
; Patent No. 5877021
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Daniel T.
; APPLICANT: Jarvis, Thale
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
; TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
; NUMBER OF SEQUENCES: 2751
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSEQ Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/585.684B
; FILING DATE: January 16, 1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/000.951
; FILING DATE: July 7, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/078
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 617:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-585-684B-617
```

Query Match 0.6%; Score 13; DB 1; Length 15;
 Best Local Similarity 100.0%; Pred. No. 1e+02;
 Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1011 ACCTGAAAAAGAG 1023
 Db 13 ACCTGAAAAAGAG 1

RESULT 153

US-08-585-684B-618/c
 ; Sequence 618, Application US/08585684B
 ; Patent No. 5877021

; GENERAL INFORMATION:
 ; APPLICANT: Stinchcomb, Daniel T.
 ; APPLICANT: Jarvis, Thale
 ; APPLICANT: McSwiggen, James
 ; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
 ; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
 ; TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
 ; NUMBER OF SEQUENCES: 2751
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Lyon & Lyon
 ; STREET: 633 West Fifth Street
 ; STREET: Suite 4700
 ; CITY: Los Angeles
 ; STATE: California
 ; COUNTRY: U.S.A.
 ; ZIP: 90071

; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 ; MEDIUM TYPE: storage
 ; COMPUTER: IBM Compatible
 ; OPERATING SYSTEM: IBM P.C. DOS 5.0
 ; SOFTWARE: FastSEQ Version 1.5
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/585,684B
 ; FILING DATE: January 16, 1996
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 60/000,951

; FILING DATE: July 7, 1995
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Warburg, Richard
 ; REGISTRATION NUMBER: 32,327
 ; REFERENCE/DOCKET NUMBER: 218/078
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: (213) 489-1600
 ; TELEFAX: (213) 955-0440
 ; TELEX: 67-3510

; INFORMATION FOR SEQ ID NO: 618:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 15 base pairs
 ; TYPE: nucleic acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear

US-08-585-684B-618

Query Match 0.6%; Score 13; DB 1; Length 15;
 Best Local Similarity 100.0%; Pred. No. 1e+02;
 Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1011 ACCTGAAAAAGAG 1023
 Db 13 ACCTGAAAAAGAG 1

RESULT 154

US-09-038-073-616/c
 ; Sequence 616, Application US/09038073
 ; Patent No. 6194150

; GENERAL INFORMATION:
 ; APPLICANT: Stinchcomb, Daniel T.
 ; APPLICANT: Jarvis, Thale

; APPLICANT: McSwiggen, James
 ; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
 ; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
 ; TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
 ; NUMBER OF SEQUENCES: 2751
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Lyon & Lyon
 ; STREET: 633 West Fifth Street
 ; STREET: Suite 4700
 ; CITY: Los Angeles
 ; STATE: California
 ; COUNTRY: U.S.A.
 ; ZIP: 90071

; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 ; MEDIUM TYPE: storage
 ; COMPUTER: IBM Compatible
 ; OPERATING SYSTEM: IBM P.C. DOS 5.0
 ; SOFTWARE: FastSEQ Version 1.5
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/038,073
 ; FILING DATE:
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 08/585,684

; FILING DATE:
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Warburg, Richard
 ; REGISTRATION NUMBER: 32,327
 ; REFERENCE/DOCKET NUMBER: 218/078
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: (213) 489-1600
 ; TELEFAX: (213) 955-0440
 ; TELEX: 67-3510

; INFORMATION FOR SEQ ID NO: 616:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 15 base pairs
 ; TYPE: nucleic acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear

US-09-038-073-616

Query Match 0.6%; Score 13; DB 1; Length 15;
 Best Local Similarity 100.0%; Pred. No. 1e+02;
 Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1011 ACCTGAAAAAGAG 1023
 Db 14 ACCTGAAAAAGAG 2

RESULT 155

US-09-038-073-617/c
 ; Sequence 617, Application US/09038073
 ; Patent No. 6194150

; GENERAL INFORMATION:
 ; APPLICANT: Stinchcomb, Daniel T.
 ; APPLICANT: Jarvis, Thale
 ; APPLICANT: McSwiggen, James
 ; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
 ; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
 ; TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
 ; NUMBER OF SEQUENCES: 2751
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Lyon & Lyon
 ; STREET: 633 West Fifth Street
 ; STREET: Suite 4700
 ; CITY: Los Angeles
 ; STATE: California
 ; COUNTRY: U.S.A.
 ; ZIP: 90071

; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 ; MEDIUM TYPE: storage

COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSEQ Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/038,073
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/585,684
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/078
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 617:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-038-073-617

Query Match 0.6%; Score 13; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 1e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1011 ACCTGAAAAGAG 1023
Db 13 ACCTGAAAAGAG 1

RESULT 156
US-09-038-073-618/c
Sequence 618, Application US/09038073
Patent No. 6194150
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Daniel T.
APPLICANT: Jarvis, Thale
APPLICANT: McGswiggen, James
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
INDUCTION OF GRAFT TOLERANCE
TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
NUMBER OF SEQUENCES: 2751
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
SUITE: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSEQ Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/038,073
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/585,684
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/078
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440

TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 618:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-038-073-618

Query Match 0.6%; Score 13; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 1e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1011 ACCTGAAAAGAG 1023
Db 13 ACCTGAAAAGAG 1

RESULT 157
PCT-US92-08094-65/c
Sequence 65, Application PC/TUS9208094
GENERAL INFORMATION:
APPLICANT: GENENTECH, INC.
APPLICANT: Amanto, Edward P.
TITLE OF INVENTION: DIAGNOSING AND TREATING AUTOIMMUNE
DISORDERS
NUMBER OF SEQUENCES: 80
CORRESPONDENCE ADDRESS:
ADDRESSEE: Genentech, Inc.
STREET: 460 Point San Bruno Blvd
CITY: South San Francisco
STATE: California
COUNTRY: USA
ZIP: 94080-4990

COMPUTER READABLE FORM:
MEDIUM TYPE: 5.25 inch, 360 Kb floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: patin (Genentech)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US92/08094
FILING DATE: 19920923
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/765222
FILING DATE: 23-SEP-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/779445
FILING DATE: 18-OCT-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/853362
FILING DATE: 18-MAR-1992
ATTORNEY/AGENT INFORMATION:
NAME: Hensley, Max D.
REGISTRATION NUMBER: 27,043
REFERENCE/DOCKET NUMBER: 734P3
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415/225-1994
TELEFAX: 415/952-9881
TELEX: 910/371-7168
INFORMATION FOR SEQ ID NO: 65:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 bases
TYPE: NUCLEIC ACID
STRANDEDNESS: single
TOPOLOGY: linear
PCT-US92-08094-65

Query Match 0.6%; Score 13; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 1e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1096 CCCACCTGGGCT 1108

Db 14 CCCACCTGGGCT 2
|||||
RESULT 158
US-08-373-124A-1020/c
; Sequence 1020, Application US/08373124A
; Patent No. 5646042
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth
; APPLICANT: McSwiggen, James
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
; TITLE OF INVENTION: CANCER USING RIBOZYMES
; NUMBER OF SEQUENCES: 2627
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/373,124A
; FILING DATE: January 13, 1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 08/192,943
; FILING DATE: February 7, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; APPLICATION NUMBER: 07/936,422
; FILING DATE: August 26, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/035
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1020:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-373-124A-1020
Query Match 0.6%; Score 13; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.5e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 975 GTCCAGCTCTAC 987
Db 13 GTCCAGCTCTAC 1
|||||
RESULT 160
US-08-370-156-17
; Sequence 17, Application US/08370156
; Patent No. 5932780
; GENERAL INFORMATION:
; APPLICANT: Soreq, Hermona
; APPLICANT: Zakut, Haim
; APPLICANT: Shani, Moshe
; TITLE OF INVENTION: TRANSGENIC ANIMAL ASSAY SYSTEM FOR
; TITLE OF INVENTION: ANTICHLINESTERASE SUBSTANCES
; NUMBER OF SEQUENCES: 27
; US-08-435-628-1020
Query Match 0.6%; Score 13; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.5e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 975 GTCCAGCTCTAC 987
Db 13 GTCCAGCTCTAC 1
|||||
RESULT 159
US-08-435-628-1020/c
; Sequence 1020, Application US/08435628
; Patent No. 5817796
; GENERAL INFORMATION:

Db 2 ACTGAGGACTCAG 14

RESULT 162

US-10-065-133A-73

Sequence 73, Application US/10065133A

Patent No. 685946

GENERAL INFORMATION:

APPLICANT: Dowling, Patricia W.

APPLICANT: Youngner, Julius S.

TITLE OF INVENTION: COLD-ADAPTED EQUINE INFLUENZA VIRUSES

FILE REFERENCE: EQ-1-C2-1

CURRENT APPLICATION NUMBER: US/10/065,133A

CURRENT FILING DATE: 2002-12-10

PRIOR APPLICATION NUMBER: PCT/US99/18583

PRIOR FILING DATE: 1999-08-12

PRIOR APPLICATION NUMBER: 09/133,921

PRIOR FILING DATE: 1998-08-13

NUMBER OF SEQ ID NOS: 108

SOFTWARE: Patent in version 3.1

SEQ ID NO 73

LENGTH: 18

TYPE: DNA

ORGANISM: Artificial sequence

FEATURE:

OTHER INFORMATION: Synthetic Primer

US-10-065-133A-73

Query Match 0.6%; Score 13; DB 1; Length 18;

Best Local Similarity 100.0%; Pred. No. 1.8e+02;

Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 868 ACTGAGGACTCAG 880

Db 2 ACTGAGGACTCAG 14

RESULT 163

US-08-529-190B-4/c

Sequence 4, Application US/08529190B

Patent No. 5833991

GENERAL INFORMATION:

APPLICANT: Masucci, Maria G.

TITLE OF INVENTION: GLYCINE-CONTAINING SEQUENCES

TITLE OF INVENTION: CONFERRING INVISIBILITY TO THE IMMUNE SYSTEM

NUMBER OF SEQUENCES: 76

CORRESPONDENCE ADDRESS:

ADDRESSEE: Banner & Witcoff, Ltd.

STREET: One Financial Center

CITY: Boston

STATE: MA

COUNTRY: USA

ZIP: 02111

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette

COMPUTER: IBM Compatible

OPERATING SYSTEM: DOS

SOFTWARE: Wordperfect 6.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/529,190B

FILING DATE: 15-SEP-1995

CLASSIFICATION: 514

PRIOR APPLICATION DATA:

APPLICATION NUMBER: SE9501324-9

FILING DATE: 10-APR-1995

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US08/522,595

FILING DATE: 01-SEP-1995

ATTORNEY/AGENT INFORMATION:

NAME: Williams, Ph.D., Kathleen A

REGISTRATION NUMBER: 34,380

REFERENCE/DOCKET NUMBER: 3255/53015

TELECOMMUNICATION INFORMATION:

Correspondence Address:

Addressee: Reising, Ethington, Barnard & Perry

Street: P.O. Box 4390

City: Troy

State: Michigan

Country: US

ZIP: 48099

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent in Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/370,156

FILING DATE:

CLASSIFICATION:

ATTORNEY/AGENT INFORMATION:

NAME: Kohn, Kenneth I.

REGISTRATION NUMBER: 30,955

REFERENCE/DOCKET NUMBER: P-307 (Mulford)

TELECOMMUNICATION INFORMATION:

TELEPHONE: (810) 689-3500

TELEFAX: (810) 689-4071

INFORMATION FOR SEQ ID NO: 17:

SEQUENCE CHARACTERISTICS:

LENGTH: 17 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-08-370-156-17

Query Match 0.6%; Score 13; DB 1; Length 17;

Best Local Similarity 100.0%; Pred. No. 1.5e+02;

Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 CCAGGCTTCACCC 1096

Db 3 CCAGGCTTCACCC 15

RESULT 161

US-09-506-286B-73

Sequence 73, Application US/09506286B

Patent No. 6482414

GENERAL INFORMATION:

APPLICANT: Dowling, Patricia W.

APPLICANT: Youngner, Julius S.

TITLE OF INVENTION: of Pittsburgh, of the Commonwealth

TITLE OF INVENTION: COLD-ADAPTED EQUINE INFLUENZA VIRUSES

FILE REFERENCE: EQ-1-C2

CURRENT APPLICATION NUMBER: US/09/506,286B

CURRENT FILING DATE: 2000-02-16

PRIOR APPLICATION NUMBER: 09/133,921

PRIOR FILING DATE: 1998-08-13

PRIOR APPLICATION NUMBER: PCT/US99/18583

PRIOR FILING DATE: 1999-08-12

NUMBER OF SEQ ID NOS: 108

SOFTWARE: Patent in Ver. 2.1

SEQ ID NO 73

LENGTH: 18

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Description of Artificial Sequence: Synthetic

OTHER INFORMATION: Primer

US-09-506-286B-73

Query Match 0.6%; Score 13; DB 1; Length 18;

Best Local Similarity 100.0%; Pred. No. 1.8e+02;

Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 868 ACTGAGGACTCAG 880

TELEPHONE: 617-345-9100
TELEFAX: 617-345-9111
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 24 bases
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
US-08-529-190B-4

Query Match 0.6%; Score 13; DB 1; Length 24;
Best Local Similarity 76.2%; Pred. No. 3.8e+02;
Matches 16; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 296 TCGTCTGAGCTGTGTGG 316
DB 23 TCGTCTGAGCTGTGTGG 3

RESULT 164

US-08-471-212-6/c
Sequence 6, Application US/08471212
Patent No. 5700920
GENERAL INFORMATION:
APPLICANT: Altman, Karl-Heinz
APPLICANT: Imwinkelried, Rene
TITLE OF INVENTION: Carbocyclic Nucleosides Containing
Bicyclic Rings, Oligonucleotides Therefrom, Process For
TITLE OF INVENTION: Their Preparation, Their Use and Intermediates
NUMBER OF SEQUENCES: 6
CORRESPONDENCE ADDRESS:
ADDRESSEE: No. 5700920artis Corporation
STREET: 59 Route 10
CITY: East Hanover
STATE: NJ
COUNTRY: USA
ZIP: 07936-1080

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/471,212
FILING DATE: 06-JUN-1995

CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/083,812
FILING DATE: 28-JUN-1993

PRIOR APPLICATION DATA:
APPLICATION NUMBER: CH 2075/92-7
FILING DATE: 01-JUL-1992

ATTORNEY/AGENT INFORMATION:
NAME: Ferraro, Gregory D.
REGISTRATION NUMBER: 36,134
REFERENCE/DOCKET NUMBER: FL/64-19143/A/DIV2

TELECOMMUNICATION INFORMATION:
TELEPHONE: (908) 277-3318
TELEFAX: (908) 277-4306

INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

MOLECULE TYPE: other nucleic acid
ANTI-SENSE: YES
NAME/KEY: modified_base
LOCATION: 1..16
OTHER INFORMATION: /mod_base= OTHER

OTHER INFORMATION: /note= "N represents a modified nucleoside building block o
OTHER INFORMATION: formula VI or..."
US-08-471-212-6

Query Match 0.6%; Score 12.8; DB 1; Length 16;
Best Local Similarity 87.5%; Pred. No. 1.4e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1002 GAAATCGACACCTGAA 1017
DB 16 GAAACGGACACCTGAA 1

RESULT 165

US-08-282-197C-20/c
Sequence 20, Application US/08282197C
Patent No. 5871730
GENERAL INFORMATION:
APPLICANT: Brzezinski, Ryszard
APPLICANT: Dery, Claude V
TITLE OF INVENTION: Thermostable Xylanase DNA, Protein and
TITLE OF INVENTION: Methods of Use
NUMBER OF SEQUENCES: 67
CORRESPONDENCE ADDRESS:
ADDRESSEE: Sterne, Kessler, Goldstein & Fox P.L.L.C.
STREET: 1100 New York Ave., NW
CITY: Washington
STATE: DC
COUNTRY: USA
ZIP: 20005

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/282,197C
FILING DATE: 29-JUL-1994

CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Cimbala, Michele A
REGISTRATION NUMBER: 33,851
REFERENCE/DOCKET NUMBER: 1050.0410000

TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-371-2600
TELEFAX: 202-371-2540

INFORMATION FOR SEQ ID NO: 20:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: both
TOPOLOGY: both

US-08-282-197C-20

Query Match 0.6%; Score 12.8; DB 1; Length 16;
Best Local Similarity 87.5%; Pred. No. 1.4e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1136 CCTCCAGCTCCACCTA 1151
DB 16 CATCCAGCTCTCTCTA 1

RESULT 166

US-08-292-620A-1699
Sequence 1699, Application US/08292620A
Patent No. 5837542
GENERAL INFORMATION:
APPLICANT: Susan Grimm
APPLICANT: Dan T. Stinchcomb
APPLICANT: James McSwiggen
APPLICANT: Sean Sullivan

```

CORRESPONDENCE ADDRESS:
ADDRESS: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/292,620A
FILING DATE: August 17, 1994
CLASSIFICATION: 435

PRIOR APPLICATION DATA: including application
PRIOR APPLICATION DATA: described below:
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/149
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 1725:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

US-08-292-620A-1725
Query Match 0.6%; Score 12.8; DB 1; Length 17;
Best Local Similarity 62.5%; Pred. No. 1.7e+02;
Matches 10; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 1170 CAACTTTCGGCGCTCCC 1185
DBB 2 CAACUUUCAGCUCC 17
||||:|:|:|:|
|||:|:|:|:|

RESULT 168
US-08-292-620A-1970
; Sequence 1970, Application US/08292620A
; Patent No. 5837542
; GENERAL INFORMATION:
; APPLICANT: Susan Grimm
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James McGswiggen
; APPLICANT: Sean Sullivan
; APPLICANT: Kenneth G. Draper
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: INTRACELLULAR ADHESION
; TITLE OF INVENTION: MOLECULE-1 (I-CAW-1)
; NUMBER OF SEQUENCES: 2390
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.

```

ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/292,620A
FILING DATE: August 17, 1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA: including application
PRIOR APPLICATION DATA: described below:
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/149
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1970:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-292-620A-1970

Query Match 0.6%; Score 12.8; DB 1; Length 17;
Best Local Similarity 62.5%; Pred. No. 1.7e+02;
Matches 10; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

Oy 1170 CAACTTGGCGTCCC 1185
Db 1 CACUUUUCAGCUCC 15

RESULT 169
US-08-765-783A-79
Sequence 79, Application US/08765783A
Patent No. 594524
GENERAL INFORMATION:
APPLICANT: Matsushima, Kouji
APPLICANT: Matsumoto, Yoshihiro
APPLICANT: Yamada, Yoshiki
APPLICANT: Sato, Koh
APPLICANT: Tsuchiya, Masayuki
APPLICANT: Yamazaki, Tatsumi
TITLE OF INVENTION: Reshaped Human Antibody to
TITLE OF INVENTION: Interleukin-8
NUMBER OF SEQUENCES: 105
CORRESPONDENCE ADDRESS:
ADDRESSEE: MORRISON & FORSTER
STREET: 2000 Pennsylvania Avenue, NW, suite 5500
CITY: Washington
STATE: DC
COUNTRY: USA
ZIP: 20006-1888
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/765,783A
FILING DATE: 07-MAR-1997
CLASSIFICATION: 530

two

PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Murashige, Kate H.
REGISTRATION NUMBER: 29,959
REFERENCE/DOCKET NUMBER: 35029-20001.20
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-887-1500
TELEFAX: 202-822-0168
TELEX:
INFORMATION FOR SEQ ID NO: 79:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
FEATURE:
NAME/KEY: Other
LOCATION: 1...17
OTHER INFORMATION: HIP sequence
US-08-765-783A-79

Query Match 0.6%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Oy 1057 GCCCRAACCCAGCT 1072
Db 1 GCCCRAACCCAGGT 16

RESULT 170
US-08-985-162-262
Sequence 262, Application US/08985162
Patent No. 6057156
GENERAL INFORMATION:
APPLICANT: Akhtar, Saghir
APPLICANT: Fell, Patricia
APPLICANT: McSwiggen, James
TITLE OF INVENTION: ENZYMAIC NUCLEIC ACID TREATMENT
TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
TITLE OF INVENTION: FACTOR RECEPTORS
NUMBER OF SEQUENCES: 1877
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq for Windows 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/985,162
FILING DATE: 04 December 1997
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/036,476
FILING DATE: 31 January 1997
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 230/107
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440

```

; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 262:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-985-162-262

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QY      1024 GGGGAGCTTGAAGGAA 1039
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Db       1 GAGGAUCUUGAAGGAA 16
          |||||
Best Local Similarity 75.0%;   Freq. NO. 1.7e+02;
Matches 12; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

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RESULT 171
US-09-071-845-1699
; Sequence 1699, Application US/09071845
; Patent No. 6132967
; GENERAL INFORMATION:
; APPLICANT: Susan Grimm
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James McSwiggen
; APPLICANT: Sean Sullivan
; APPLICANT: Kenneth G. Draper
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: INTRACELLULAR ADHESION
; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
; NUMBER OF SEQUENCES: 2199

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```

MEDIUM TYPE: 5.25 DISKETTE, 1.44 MD
MEDIUM TYPE: 5.25 DISKETTE, 1.44 MD
COMPUTER: IBM COMPATIBLE
OPERATING SYSTEM: IBM PC DOS 5.0
SOFTWARE WORD PERFECT 5.1
CURRENT APPLICATION DATA
APPLICATION NUMBER: US/09/071,845
FILING DATE:
FILING INSTITUTION:

```

? PRIOR APPLICATION DATA:
? APPLICATION NUMBER: US/08/292,620
? FILING DATE: August 17, 1994
? APPLICATION NUMBER: 08/008,895
? FILING DATE: January 19, 1993
? APPLICATION NUMBER: 07/969,849
? FILING DATE: December 7, 1992
? ATTORNEY/AGENT INFORMATION:
?

REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/149
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1699:
SEQUENCE CHARACTERISTICS:

```

; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear

```


NUMBER OF SEQUENCES: 8502
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MB
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/584,040
FILING DATE: January 11, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 5983:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-584-040-5983

Query Match 0.6%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1278 GGAGGACAGCCCGCAC 1293
Db 17 GGAGGACAGAGTCCAC 2

RESULT 176
US-09-474-432B-678/c
Sequence 678, Application US/09474432B
Patent No. 6528640
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Beigelman, Leo
APPLICANT: Burgin, Alex
APPLICANT: Beaudry, Amber
APPLICANT: Karpeisky, Alex
APPLICANT: Adamic, Jasenka
APPLICANT: Sweedler, David
APPLICANT: Zinnen, Shawn
TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleot
FILE REFERENCE: MBH00-831-B (247/276)
CURRENT APPLICATION NUMBER: US/09/474,432B
CURRENT FILING DATE: 1999-12-19
PRIOR APPLICATION NUMBER: US 60/064,866
PRIOR FILING DATE: 1997-11-05
PRIOR APPLICATION NUMBER: US 60/084,727
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: US 09/186,675
PRIOR FILING DATE: 1998-11-04
PRIOR APPLICATION NUMBER: US 09/301,511
PRIOR FILING DATE: 1999-04-28
NUMBER OF SEQ ID NOS: 1526

SOFTWARE: PatentIn version 3.0
SEQ ID NO 678
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-09-474-432B-678

Query Match 0.6%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1110 CAGTCCCGTGGCCAGT 1125
Db 16 CAGTCCACTGCCAGT 1

RESULT 177
US-09-474-432B-681/c
Sequence 681, Application US/09474432B
Patent No. 6528640
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Beigelman, Leo
APPLICANT: Burgin, Alex
APPLICANT: Beaudry, Amber
APPLICANT: Karpeisky, Alex
APPLICANT: Adamic, Jasenka
APPLICANT: Sweedler, David
APPLICANT: Zinnen, Shawn
TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucle
FILE REFERENCE: MBH00-831-B (247/276)
CURRENT APPLICATION NUMBER: US/09/474,432B
CURRENT FILING DATE: 1999-12-19
PRIOR APPLICATION NUMBER: US 60/064,866
PRIOR FILING DATE: 1997-11-05
PRIOR APPLICATION NUMBER: US 60/084,727
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: US 09/186,675
PRIOR FILING DATE: 1998-11-04
PRIOR APPLICATION NUMBER: US 09/301,511
PRIOR FILING DATE: 1999-04-28
NUMBER OF SEQ ID NOS: 1526
SOFTWARE: PatentIn version 3.0
SEQ ID NO 681
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-09-474-432B-681

Query Match 0.6%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 739 CAGACACCGTGTGCA 754
Db 16 CAGGCGACCGTGTGCA 1

RESULT 178
US-09-371-772B-2820/c
Sequence 2820, Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions
FILE REFERENCE: MBH00-876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10

; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2820
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Mus sp.
US-09-371-772B-2820

Query Match 0.6%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1278 GGAGGACAGCGCCAC 1293
DB 17 GGAGGACAGAGTCCAC 2

RESULT 179

US-09-371-772B-6952
; Sequence 6952, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Related to Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00, 876-J (237/196)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6952
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-6952

Query Match 0.6%; Score 12.8; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 1.7e+02;
Matches 13; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 1006 TCGACACCTGAAAAAG 1021
DB 1 UCGACACAGAAAAAG 16

RESULT 180

US-09-476-387-677/c
; Sequence 677, Application US/09476387
; Patent No. 6617438
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka Matulic
; APPLICANT: Sweedler, Dave
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleotides
; FILE REFERENCE: MBH00-831-C (249/073)
; CURRENT APPLICATION NUMBER: US/09/476,387
; CURRENT FILING DATE: 2001-04-04

; PRIOR APPLICATION NUMBER: 09/474,432
; PRIOR FILING DATE: 1999-12-29
; PRIOR APPLICATION NUMBER: 09/301,511
; PRIOR FILING DATE: 1999-04-28
; PRIOR APPLICATION NUMBER: 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: 60/083,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/064,866
; PRIOR FILING DATE: 1997-11-05
; NUMBER OF SEQ ID NOS: 1524
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 677
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-476-387-677

Query Match 0.6%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1110 CAGTCCCGTCCCACT 1125
DB 16 CAGTCCACTGCCCACT 1

RESULT 181

US-09-476-387-680/c
; Sequence 680, Application US/09476387
; Patent No. 6617438
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka Matulic
; APPLICANT: Sweedler, Dave
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleotides
; FILE REFERENCE: MBH00-831-C (249/073)
; CURRENT APPLICATION NUMBER: US/09/476,387
; CURRENT FILING DATE: 2001-04-04
; PRIOR APPLICATION NUMBER: 09/474,432
; PRIOR FILING DATE: 1999-12-29
; PRIOR APPLICATION NUMBER: 09/301,511
; PRIOR FILING DATE: 1999-04-28
; PRIOR APPLICATION NUMBER: 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: 60/083,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/064,866
; NUMBER OF SEQ ID NOS: 1524
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 680
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-476-387-680

Query Match 0.6%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 739 CAGAACACCGTGTGCA 754
DB 16 CAGGGCACCGTGTGCA 1

RESULT 182

US-09-476-387-682
; Sequence 682, Application US/09401063


```
; Patent No. 6623962
; GENERAL INFORMATION:
; APPLICANT: Akhtar, Seghir
; APPLICANT: Fell, Patricia
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT
; OF DISEASES OR CONDITIONS RELATED
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
; TITLE OF INVENTION: FACTOR RECEPTORS
; NUMBER OF SEQUENCES: 1877
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/401,063
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/985,162
; FILING DATE: 04 December 1997
; APPLICATION NUMBER: 60/036,476
; FILING DATE: 31 January 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 230/107
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 262:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-09-401-063-262

Query Match 0.6%; Score 12.8; DB 1; Length 17;
Best Local Similarity 75.0%; Pred No. 1.7e+02;
Matches 12; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 1024 GGGGAGCTTGAAGGAA 1039
DB 1 GAGGAUCUUGAAGGAA 16

RESULT 183
US-09-866-108A-970
; Sequence 970, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668

Query Match 0.6%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred No. 1.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1053 CCTGGCCCCCAACCCA 1068
DB 2 CCAGGCCCAAGCCCA 17

RESULT 184
US-09-866-108A-2782/c
; Sequence 2782, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
```

;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00663
;; PRIOR FILING DATE: 2001-01-30
;; Remaining Prior Application data removed - See File Wrapper or PALM.
;; NUMBER OF SEQ ID NOS: 15755
;; SOFTWARE: Aemica Sequence Listing Engine
;; Patent No. 6686188
;; SEQ ID NO 2782
;; LENGTH: 17
;; TYPE: DNA
;; ORGANISM: Homo sapiens
US-09-866-108A-2782

Query Match 0.6%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1022 AGGGGAGCTTGAAGG 1037
Db 17 AGGTGGTCTTGAAGG 2

RESULT 185
US-09-866-108A-2783/c
; Sequence 2783, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aemica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 2783
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-2783

Query Match 0.6%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1022 AGGGGAGCTTGAAGG 1037

Db 16 AGGTGGTCTTGAAGG 1

RESULT 186
US-08-373-124A-2243
; Sequence 2243, Application US/08373124A
; Patent No. 5646042
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth
; APPLICANT: McSwiggen, James
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
; TITLE OF INVENTION: CANCER USING RIBOZYMES
; NUMBER OF SEQUENCES: 2627
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/373,124A
; FILING DATE: January 13, 1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 08/192,943
; FILING DATE: February 7, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; APPLICATION NUMBER: 07/936,422
; FILING DATE: August 26, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/035
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 2243:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-373-124A-2243

Query Match 0.6%; Score 12.8; DB 1; Length 18;
Best Local Similarity 75.0%; Pred. No. 2e+02;
Matches 12; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

Qy 1244 CCTCCGACCCCATCCC 1259
Db 3 CCUCAGACCCCUCCC 18

RESULT 187
US-08-239-431A-8/c
; Sequence 8, Application US/08239431A
; Patent No. 5716835
; GENERAL INFORMATION:

```

; APPLICANT: Regan, John W.
; APPLICANT: Gil, Daniel W.
; APPLICANT: Woodward, David F.
; TITLE OF INVENTION: NOVEL HUMAN EP PROTAGLANDIN RECEPTOR
; NUMBER OF SEQUENCES: 10
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Knobbe, Martens, Olson and Bear
; STREET: 620 Newport Center Drive 16th Floor
; CITY: Newport Beach
; STATE: CA
; COUNTRY: USA
; ZIP: 92660
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/239,431A
; FILING DATE: 05-MAY-1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Israel, Ned A.
; REGISTRATION NUMBER: 29,655
; REFERENCE/DOCKET NUMBER: ALRGN.053A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 619-235-8550
; TELEFAX: 619-235-0176
; TELEX:
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
; FRAGMENT TYPE:
; ORIGINAL SOURCE:
; US-08-239-431A-8

Query Match 0.6%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 912 CTTGGCTCTTGCCTT 927
Db 17 CTTGGCTCTTGCCTT 2

RESULT 188
US-08-435-628-2243
; Sequence 2243, Application US/08435628
; Patent No. 5817796
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth
; APPLICANT: McSwiggan, James
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
; TITLE OF INVENTION: CANCER USING RIBOZYMES
; NUMBER OF SEQUENCES: 2627
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California

```

```

; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 MB
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/435,628
; FILING DATE: 05-MAY-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/373,124
; FILING DATE: January 13, 1995
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 08/192,943
; FILING DATE: February 7, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; APPLICATION NUMBER: 07/936,422
; FILING DATE: August 26, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/035
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 2243:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-435-628-2243

Query Match 0.6%; Score 12.8; DB 1; Length 18;
Best Local Similarity 75.0%; Pred. No. 2e+02;
Matches 12; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 1244 CTTCCGACCCCATCCC 1259
Db 3 CTTCCGACCCCATCCC 18

RESULT 189
US-09-205-144-36
; Sequence 36, Application US/09205144
; Patent No. 5958771
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Elizabeth J. Ackermann
; APPLICANT: Lex M. Cowart
; TITLE OF INVENTION: ANTISENSE MODULATION OF CELLULAR INHIBITOR OF APOPTOSIS-2 EXPRE
; FILE REFERENCE: RTS-0021
; CURRENT APPLICATION NUMBER: US/09/205,144
; CURRENT FILING DATE: 1998-12-03
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 36
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
; US-09-205-144-36

Query Match 0.6%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

```

QY 927 TTATCCCTCTCTTC 942
Db 1 TTTCCTCTCTCTTC 16

RESULT 190
US-09-205-860-47
; Sequence 47, Application US/09205860
; Patent No. 5981732
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowert
; TITLE OF INVENTION: ANTISENSE MODULATION OF G-ALPHA-13 EXPRESSION
; FILE REFERENCE: RTS-0031
; CURRENT APPLICATION NUMBER: US/09/205,860
; CURRENT FILING DATE: 1998-12-04
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 47
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-205-860-47

Query Match 0.6%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 806 ACTGTAAGAAAGCCT 821
Db 3 ATTGTAAGAAACCT 18

RESULT 191
US-08-937-580-9/c
; Sequence 9, Application US/08937580
; Patent No. 6013510
; GENERAL INFORMATION:
; APPLICANT: Harris, James M.
; APPLICANT: You, Qimin
; TITLE OF INVENTION: Identification of a DNA Region
; TITLE OF INVENTION: Potentially Useful for the Detection of Mycobacterium
; NUMBER OF SEQUENCES: 20
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Becton Dickinson and Company
; STREET: 1 Becton Drive
; CITY: Franklin Lakes
; STATE: New Jersey
; COUNTRY: USA
; ZIP: 07417-6800
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/937,580
; FILING DATE: 25-SEP-1997
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Fugit, Donna R.
; REGISTRATION NUMBER: 32,135
; REFERENCE/DOCKET NUMBER: P-3690/5510-13
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 201-847-7166
; TELEFAX: 201-848-9228
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear

; MOLECULE TYPE: other nucleic acid
US-08-937-580-9

Query Match 0.6%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1134 CACCTCCAGCTGCACC 1149
Db 16 CATCTCCATCTCCACC 1

RESULT 192
US-09-071-433-35/c
; Sequence 35, Application US/09071433A
; Patent No. 6197584
; GENERAL INFORMATION:
; APPLICANT: Bennett, C. Frank
; APPLICANT: Cowsett, Lex M
; TITLE OF INVENTION: Antisense Modulation of CD40 Expression
; FILE REFERENCE: RTS-0002
; CURRENT APPLICATION NUMBER: US/09/071,433A
; CURRENT FILING DATE: 1998-05-01
; NUMBER OF SEQ ID NOS: 91
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 35
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-071-433-35

Query Match 0.6%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 743 ACACCGTGTGCACCTG 758
Db 17 ACACCATCTGCACCTG 2

RESULT 193
US-09-336-039-9/c
; Sequence 9, Application US/09336039
; Patent No. 6291176
; GENERAL INFORMATION:
; APPLICANT: Harris, James M.
; APPLICANT: You, Qimin
; TITLE OF INVENTION: Identification of a DNA Region
; TITLE OF INVENTION: Potentially Useful for the Detection of Mycobacterium
; NUMBER OF SEQUENCES: 20
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Becton Dickinson and Company
; STREET: 1 Becton Drive
; CITY: Franklin Lakes
; STATE: New Jersey
; COUNTRY: USA
; ZIP: 07417-6800
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/336,039
; FILING DATE: 18-Jun-1999
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/937,580
; FILING DATE: 25-SEP-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Fugit, Donna R.

```
,
,   REGISTRATION NUMBER: 32,135
,
,   REFERENCE/DOCKET NUMBER: P-3690/5510-13
,
, TELECOMMUNICATION INFORMATION:
,
,   TELEPHONE: 201-847-7166
,
,   TELEFAX: 201-848-9228
,
, INFORMATION FOR SEQ ID NO: 9:
,
,   SEQUENCE CHARACTERISTICS:
,
,     LENGTH: 18 base pairs
,
,     TYPE: nucleic acid
,
,     STRANDEDNESS: single
,
,     TOPOLOGY: linear
,
,     MOLECULE TYPE: other nucleic acid
,
,     SEQUENCE DESCRIPTION: SEQ ID NO: 9:
US-09-336-039-9
```

Query Match 0.6%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels

Qy 1134 CACCTCCAGCTCCACC 1149
Db 16 CATCTCCATCTCCACC 1

RESULT 194
US-09-236-097-9/c
; Sequence 9, Application US/09236097
; Patent No. 6335165
; GENERAL INFORMATION.

GENERAL INFORMATION: APPLICANT: AIR NAVOT ET AL
TITLE OF INVENTION: METHODS AND KITS FOR CHARACTERIZING GC
CONTENT OF NUCLEIC ACID SEQUENCES
TITLE OF INVENTION: RICH NUCLEIC ACID SEQUENCES
NUMBER OF SEQUENCES: 13
NUMBER OF SEQUENCES: 13
CORRESPONDENCE ADDRESS:
ADDRESSEE: Mark M. Friedman c/o Anthony Castorina
STREET: 20001 Jefferson Davis Highway, Suite 207
CITY: Arlington
STATE: Virginia
COUNTRY: United States of America
ZIP: 22202

```

COMPUTER READABLE FORM:
MEDIUM TYPE: 1.44 megabyte, 3.5" microdisk
COMPUTER: Twinhead* Slimnote-890TX
OPERATING SYSTEM: MS DOS version 6.2,
OPERATING SYSTEM: Windows version 3.11
SOFTWARE: Word for windows version 2.0 converted to
              software: an ASCII file
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/236.097

```

APPLICATION NUMBER: 05/05/230/03
 FILING DATE:
 CLASSIFICATION: 435
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER:

ATTORNEY/AGENT INFORMATION:
NAME: Friedman, Mark M.
REGISTRATION NUMBER: 33,883
REFERENCE/DOCKET NUMBER: 128/33
TELECOMMUNICATION INFORMATION:
TELEPHONE: 972-3-562553
TELEFAX: 972-3-562554
TELEX:

```

; IDBX:
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-09-236-097-9

```

```
Query Match      0.6%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 2e+02;
Matches 14: Conservative 0; Mismatches 2; Indels
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Qy 1134 CACCTCCAGCTCCACC 1149

Db 17 CACCTCCATCACCACC 2

RESULT 195

```

US-09-267-423-8/c
; Sequence 8, Application US/09267423
; Patent No. 6395878
; GENERAL INFORMATION:
; APPLICANT: Regan, John W.
; APPLICANT: Gil, Daniel W.
; APPLICANT: Woodward, David F.
; TITLE OF INVENTION: No. 6395878sel Human Prostaglandin EP Receptor
; FILE REFERENCE: 17033 DIV CIP
; CURRENT APPLICATION NUMBER: US/09/267,423
; CURRENT FILING DATE: 1999-03-12
; EARLIER APPLICATION NUMBER: 09/019,393
; EARLIER FILING DATE: 1998-02-05
; EARLIER APPLICATION NUMBER: 08/239,431
; EARLIER FILING DATE: 1994-05-05
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 8
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-267-423-8

```

Query Match 0.6%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 2e+02;
Matches 14: Conservative 0; Mismatches 2; Indels

Qy 912 CTTTGGTCTTTGCCCTT 927
| | | | | | | | | |
Db 17 CTTGGGTCTTTGCCAT 2

RESULT 196

```

US-09-422-978-4256/c
; Sequence 4256, Application US/09422978
; Patent No. 6537751
;
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 4256
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: upstream amplification primer 99-1423 for SEQ 322,
US-09-422-978-4256

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Query Match 0.6%; Score 12.8; DB 1; Length 18;
Best_Local Similarity 87.5%; Pred. No. 2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels

QY 1078 CCCACTCCAGGCTCA 1093

[illegible]

RESULT 200
US-09-230-652-20
; Sequence 20, Application US/09230652A
; Patent No. 6537775
; GENERAL INFORMATION:
; APPLICANT: Tournier-Lasserre, Elisabeth
; APPLICANT: Joutel, Anne
; APPLICANT: Bousser, Marie-Germaine
; APPLICANT: Bach, Jean-Francois
; TITLE OF INVENTION: GENE INVOLVED IN CADASIL, METHOD OF DIAGNOSIS AND
; FILE REFERENCE: 03715.0048-00000
; CURRENT APPLICATION NUMBER: US/09/230.652A
; CURRENT FILING DATE: 1999-05-17
; EARLIER APPLICATION NUMBER: FR 96 09733
; EARLIER FILING DATE: 1996-08-01
; EARLIER APPLICATION NUMBER: FR 97 04680
; EARLIER FILING DATE: 1997-04-16
; EARLIER APPLICATION NUMBER: PCT/FR97/01433
; EARLIER FILING DATE: 1997-07-31
; NUMBER OF SEQ ID NOS: 163
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 20
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer
US-09-230-652-20

Query Match 0.6%; Score 12.4; DB 1; Length 14;
Best Local Similarity 92.9%; Pred. No. 1.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1080 CACTCCAGGCTTCA 1093
Db 1 CACCCAGGCTTCA 14

RESULT 201
US-08-237-233-4/c
; Sequence 4, Application US/08237233
; Patent No. 5414077
; GENERAL INFORMATION:
; APPLICANT: LIN, KUEI-YING
; APPLICANT: MATTEUCCI, MARK
; TITLE OF INVENTION: PSEUDONUCLEOSIDES AND
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: IRELL & MANELLA
; STREET: 545 MIDDLEFIELD ROAD, SUITE 200
; CITY: MENLO PARK
; STATE: CA
; COUNTRY: USA
; ZIP: 94025
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/237.233
; FILING DATE:
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/594147
; FILING DATE: 09-OCT-1990
; ATTORNEY/AGENT INFORMATION:
; NAME: MURASHIGE, KATE H.
; REGISTRATION NUMBER: 29959

; REFERENCE/DOCKET NUMBER: 4610-0006.20
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-327-7250
; TELEFAX: 415-327-2951
; TELEX: 706141
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-237-233-4

Query Match 0.6%; Score 12.4; DB 1; Length 15;
Best Local Similarity 92.9%; Pred. No. 1.5e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1015 GAAAAAGAGGGGA 1028
Db 14 GAAAAAGAGGGGA 1

RESULT 202
US-08-182-968A-14/c
; Sequence 14, Application US/08182968A
; Patent No. 5610054
; GENERAL INFORMATION:
; APPLICANT: Draper, Kenneth G.
; TITLE OF INVENTION: METHOD AND REAGENT FOR
; TITLE OF INVENTION: INHIBITING HEPATITIS C
; TITLE OF INVENTION: VIRUS REPLICATION
; NUMBER OF SEQUENCES: 497
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/182.968A
; FILING DATE: 13-JANUARY-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/882,888
; FILING DATE: 14-MAY-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 205/277
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 14:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-182-968A-14

Query Match 0.6%; Score 12.4; DB 1; Length 15;
Best Local Similarity 92.9%; Pred. No. 1.5e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1200 ACCACCCCTATCAGG 1213

```

; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/064,156A
; FILING DATE: April 21, 1998
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/774,306
; FILING DATE: December 26, 1996
; APPLICATION NUMBER: 08/182,968
; FILING DATE: January 13, 1994
; APPLICATION NUMBER: 07/882,888
; FILING DATE: May 14, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 234/083
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 14:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-09-064-156A-14

Query Match 0.6%; Score 12.4; DB 1; Length 15;
Best Local Similarity 92.9%; Pred. No. 1.5e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1200 ACCACCCCTATCAGG 1213
Db 15 AGCACCCCTATCAGG 2

RESULT 205
US-08-918-148-42/c
; Sequence 42 Application US/08918148A
; Patent No. 6342220
; GENERAL INFORMATION:
; APPLICANT: Adams, Camellia
; APPLICANT: W.
; APPLICANT: Carter, Paul J.
; APPLICANT: Fendly, Brian M.
; APPLICANT: Gurney, Austin L.
; TITLE OF INVENTION: Agonist Antibodies
; FILE REFERENCE: P0979
; CURRENT APPLICATION NUMBER: US/08/918,148A
; CURRENT FILING DATE: 1997-08-25
; NUMBER OF SEQ ID NOS: 79
; SEQ ID NO 42
; LENGTH: 15
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; NAME/KEY: 12E10scfv VH CDR1
; LOCATION: 1-15
; OTHER INFORMATION:
; US-08-918-148-42

Query Match 0.6%; Score 12.4; DB 1; Length 15;

```


Best Local Similarity 92.9%; Pred. No. 1.5e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 795 CTCCTGTAGTAAC 808
Db 14 CTCAGTAGTAAC 1

RESULT 206

US-09-400-502-21
; Sequence 21, Application US/09400502
; Patent No. 6414127
; GENERAL INFORMATION:
; APPLICANT: Lin, Kuei-Ying
; APPLICANT: Matteucci, Mark D.
; TITLE OF INVENTION: Pyrimidine Derivatives For Labeled Binding Partners
; FILE REFERENCE: GLIS0127
; CURRENT APPLICATION NUMBER: US/09/400,502
; CURRENT FILING DATE: 1999-09-21
; PRIOR APPLICATION NUMBER: 08/966,392
; PRIOR FILING DATE: 1997-11-07
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 21
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: No. 6414127el Sequence
US-09-400-502-21

Query Match 0.6%; Score 12.4; DB 1; Length 15;
Best Local Similarity 92.9%; Pred. No. 1.5e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1016 AAAAAGAGGGGAG 1029
Db 1 AAAAAGAGGGGAG 14

RESULT 207

US-09-400-502-22
; Sequence 22, Application US/09400502
; Patent No. 6414127
; GENERAL INFORMATION:
; APPLICANT: Lin, Kuei-Ying
; APPLICANT: Matteucci, Mark D.
; TITLE OF INVENTION: Pyrimidine Derivatives For Labeled Binding Partners
; FILE REFERENCE: GLIS0127
; CURRENT APPLICATION NUMBER: US/09/400,502
; CURRENT FILING DATE: 1999-09-21
; PRIOR APPLICATION NUMBER: 08/966,392
; PRIOR FILING DATE: 1997-11-07
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 22
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: No. 6414127el Sequence
US-09-400-502-22

Query Match 0.6%; Score 12.4; DB 1; Length 15;
Best Local Similarity 92.9%; Pred. No. 1.5e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1016 AAAAAGAGGGGAG 1029
Db 1 AAAAAGAGGGGAG 14

RESULT 208

US-08-906-378-1/c
; Sequence 1, Application US/08906378B
; Patent No. 6447998
; GENERAL INFORMATION:
; APPLICANT: Froehner, Brian C
; APPLICANT: Gutierrez, Arnold J
; APPLICANT: Matteucci, Mark D
; TITLE OF INVENTION: 2-Aminopyridine and 2'-Pyridone C-Nucleosides
; FILE REFERENCE: GLIS0113
; CURRENT APPLICATION NUMBER: US/08/906,378B
; CURRENT FILING DATE: 1997-08-05
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 1
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: No. 6447998el Sequence
US-08-906-378-1

Query Match 0.6%; Score 12.4; DB 1; Length 15;
Best Local Similarity 92.9%; Pred. No. 1.5e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1016 AAAAAGAGGGGAG 1029
Db 15 AAAAAGAGGGGAG 2

RESULT 209

US-09-717-422-1/c
; Sequence 1, Application US/09717422
; Patent No. 6495672
; GENERAL INFORMATION:
; APPLICANT: Froehner, Brian C.
; APPLICANT: Gutierrez, Arnold J.
; APPLICANT: Matteucci, Mark D.
; TITLE OF INVENTION: 2-Aminopyridine and 2'-Pyridone C-Nucleosides
; FILE REFERENCE: GLIS0142
; CURRENT APPLICATION NUMBER: US/09/717,422
; CURRENT FILING DATE: 2000-11-21
; PRIOR APPLICATION NUMBER: 08/906,378
; PRIOR FILING DATE: 1997-08-05
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 1
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: No. 6495672el Sequence
US-09-717-422-1

Query Match 0.6%; Score 12.4; DB 1; Length 15;
Best Local Similarity 92.9%; Pred. No. 1.5e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1016 AAAAAGAGGGGAG 1029
Db 15 AAAAAGAGGGGAG 2

RESULT 210

5214136-12/c
; Patent No. 5214136
; APPLICANT: LIN, KUEI-YING; MATTEUCCI, MARK
; TITLE OF INVENTION: ANTHRAQUINONE-DERIVATIVES
; OLIGONUCLEOTIDES
; NUMBER OF SEQUENCES: 18
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/482,941
; FILING DATE: 20-FEB-1990

;SEQ ID NO:12:
; LENGTH: 15
5214136-12

Query Match 0.6%; Score 12.4; DB 1; Length 15;
Best Local Similarity 92.9%; Pred. No. 1.5e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1015 GAAAAAGAGGGGGA 1028
Db 14 GAAAAAGAGGGGGA 1

RESULT 211

; Sequence 60, Application US/08985162
; Patent No. 6057156

; GENERAL INFORMATION:

; APPLICANT: Akhtar, Saghir

; APPLICANT: Fell, Patricia

; APPLICANT: McSwagger, James

; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT

; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED

; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH

; TITLE OF INVENTION: FACTOR RECEPTORS

; NUMBER OF SEQUENCES: 1877

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Lyon & Lyon

; STREET: 633 West Fifth Street

; STREET: Suite 4700

; CITY: Los Angeles

; STATE: California

; COUNTRY: U.S.A.

; ZIP: 90071-2066

; COMPUTER READABLE FORM:

; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

; MEDIUM TYPE: storage

; COMPUTER: IBM Compatible

; OPERATING SYSTEM: IBM P.C. DOS 5.0

; SOFTWARE: PastSeq for Windows 2.0

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/985,162

; FILING DATE: 04 December 1997

; CLASSIFICATION: 514

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 60/036,476

; FILING DATE: 31 January 1997

; ATTORNEY/AGENT INFORMATION:

; NAME: Warburg, Richard J.

; REGISTRATION NUMBER: 32,327

; REFERENCE/DOCKET NUMBER: 230/107

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (213) 489-1600

; TELEFAX: (213) 955-0440

; TELEX: 67-3510

; INFORMATION FOR SEQ ID NO: 60:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 17 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

; US-08-985-162-60

Query Match 0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 2.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 863 AGGGCACTGAGGAC 876
Db 17 AGGGCAATGAGGAC 4

RESULT 212

US-09-021-701-40

; Sequence 40, Application US/09021701

; Patent No. 6251588

; GENERAL INFORMATION:

; APPLICANT: Shannon, Karen W.

; APPLICANT: Wolber, Paul K.

; APPLICANT: Delenstarr, Glenda C.

; APPLICANT: Webb, Peter G.

; APPLICANT: Kincaid, Robert H.

; TITLE OF INVENTION: Methods for evaluating oligonucleotide

; TITLE OF INVENTION: probe sequences

; NUMBER OF SEQUENCES: 1165

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Records Manager, Legal Department, Hewlett-Packard Company M/S 20

; STREET: 3000 Hanover Street

; CITY: Palo Alto

; STATE: CA

; COUNTRY: USA

; ZIP: 94304

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: PatentIn Release #1.0, Version #1.30

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/09/021,701

; FILING DATE: 10-FEB-1998

; CLASSIFICATION:

; ATTORNEY/AGENT INFORMATION:

; NAME: Choi, Wendy A.

; REGISTRATION NUMBER: 36,697

; REFERENCE/DOCKET NUMBER: 10971464-1

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: 650-236-2386

; TELEFAX: 650-852-8063

; INFORMATION FOR SEQ ID NO: 40:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 17 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

; MOLECULE TYPE: cDNA

; HYPOTHETICAL: NO

; ANTI-SENSE: NO

; US-09-021-701-40

Query Match 0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 2.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1125 TTCCACCTTCACCT 1138
Db 4 TTCCACATTCACCT 17

RESULT 213

US-09-021-701-41

; Sequence 41, Application US/09021701

; Patent No. 6251588

; GENERAL INFORMATION:

; APPLICANT: Shannon, Karen W.

; APPLICANT: Wolber, Paul K.

; APPLICANT: Delenstarr, Glenda C.

; APPLICANT: Webb, Peter G.

; APPLICANT: Kincaid, Robert H.

; TITLE OF INVENTION: Methods for evaluating oligonucleotide

; TITLE OF INVENTION: probe sequences

; NUMBER OF SEQUENCES: 1165

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Records Manager, Legal Department, Hewlett-Packard Company M/S 20

; STREET: 3000 Hanover Street

; CITY: Palo Alto

; STATE: CA

```

; COUNTRY: USA
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/021,701
; FILING DATE: 10-FEB-1998
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Choi, Wendy A.
; REGISTRATION NUMBER: 36,697
; REFERENCE/DOCKET NUMBER: 10971464-1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 650-236-2386
; TELEFAX: 650-852-8063
; INFORMATION FOR SEQ ID NO: 41:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: CDNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; US-09-021-701-41

```

```

Query Match 0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 2.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

```

QY 1125 TTCCACCTTCACCT 1138
Db 3 TTCCACCTTCACCT 16

```

```

RESULT 214
US-09-021-701-42
; Sequence 42, Application US/09021701
; Patent No. 6251588
; GENERAL INFORMATION:
; APPLICANT: Shannon, Karen W.
; APPLICANT: Wolber, Paul K.
; APPLICANT: Delenstarr, Glenda C.
; APPLICANT: Webb, Peter G.
; APPLICANT: Kincaid, Robert H.
; TITLE OF INVENTION: Methods for evaluating oligonucleotide
; NUMBER OF SEQUENCES: 1165
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Records Manager, Legal Department, Hewlett-Packard Company M/S 20
; STREET: 3000 Hanover Street
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/021,701
; FILING DATE: 10-FEB-1998
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Choi, Wendy A.
; REGISTRATION NUMBER: 36,697
; REFERENCE/DOCKET NUMBER: 10971464-1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 650-236-2386

```

```

; TELEFAX: 650-852-8063
; INFORMATION FOR SEQ ID NO: 42:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: CDNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; US-09-021-701-42

```

```

Query Match 0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 2.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

```

QY 1125 TTCCACCTTCACCT 1138
Db 2 TTCCACCTTCACCT 15

```

```

RESULT 215
US-09-021-701-43
; Sequence 43, Application US/09021701
; Patent No. 6251588
; GENERAL INFORMATION:
; APPLICANT: Shannon, Karen W.
; APPLICANT: Wolber, Paul K.
; APPLICANT: Delenstarr, Glenda C.
; APPLICANT: Webb, Peter G.
; APPLICANT: Kincaid, Robert H.
; TITLE OF INVENTION: Methods for evaluating oligonucleotide
; NUMBER OF SEQUENCES: 1165
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Records Manager, Legal Department, Hewlett-Packard Company M/S 20
; STREET: 3000 Hanover Street
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/021,701
; FILING DATE: 10-FEB-1998
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Choi, Wendy A.
; REGISTRATION NUMBER: 36,697
; REFERENCE/DOCKET NUMBER: 10971464-1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 650-236-2386
; INFORMATION FOR SEQ ID NO: 43:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: CDNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; US-09-021-701-43

```

```

Query Match 0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 2.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

```

QY 1125 TTCCACCTTCACCT 1138

```


STRANDEDNESS: single
TOPOLOGY: linear
US-08-584-040-7987

Query Match 0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 2.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1166 GTCCCAACTTTGGC 1179
Db 14 GTCCCAACTTTGGG 1

RESULT 219

US-08-679-645-222/c
; Sequence 222, Application US/08679645
; Patent No. 6350934

GENERAL INFORMATION:

; APPLICANT: Zwick, Michael G.
; APPLICANT: Edington, Brent B.
; APPLICANT: McSwiggan, James A.
; APPLICANT: Merlo, Patricia Ann Owens
; APPLICANT: Guo, Lining
; APPLICANT: Skokut, Thomas A.
; APPLICANT: Young, Scott A.
; APPLICANT: Folkerts, Otto
; APPLICANT: Merlo, Donald J.

TITLE OF INVENTION: COMPOSITION AND METHODS FOR

TITLE OF INVENTION: MODULATION OF GENE EXPRESSION

TITLE OF INVENTION: IN PLANTS

NUMBER OF SEQUENCES: 1263

CORRESPONDENCE ADDRESS:

ADDRESSER: Lyon & Lyon

STREET: 633 West Fifth Street

STREET: Suite 4700

CITY: Los Angeles

STATE: California

COUNTRY: U.S.A.

ZIP: 90071-2066

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

MEDIUM TYPE: Storage

COMPUTER: IBM Compatible

OPERATING SYSTEM: IBM P.C. DOS 5.0

SOFTWARE: Word Perfect 5.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/679,645

FILING DATE: July 12, 1996

CLASSIFICATION: 800

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 60/001,135

FILING DATE: July 13, 1995

APPLICATION NUMBER: 08/300,726

FILING DATE: September 2, 1994

ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard J.

REGISTRATION NUMBER: 32,327

REFERENCE/DOCKET NUMBER: 219/247

TELECOMMUNICATION INFORMATION:

TELEPHONE: (213) 489-1600

TELEFAX: (213) 955-0440

TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 222:

SEQUENCE CHARACTERISTICS:

LENGTH: 17 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-08-679-645-222

Query Match 0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 2.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1241 TCGCCTCCGACCCC 1254
Db 17 TCGCCTTCGACCCC 4

RESULT 220

US-09-474-432B-401

; Sequence 401, Application US/09474432B

; Patent No. 6528640

GENERAL INFORMATION:

; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Burgin, Alex
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka
; APPLICANT: Sweedler, David
; APPLICANT: Zinnen, Shawn

; TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucle

; FILE REFERENCE: MEH800-831-B (247/276)

; CURRENT APPLICATION NUMBER: US/09/474,432B

; CURRENT FILING DATE: 1999-12-19

; PRIOR APPLICATION NUMBER: US 60/064,866

; PRIOR FILING DATE: 1997-11-05

; PRIOR APPLICATION NUMBER: US 60/084,727

; PRIOR FILING DATE: 1998-04-29

; PRIOR APPLICATION NUMBER: US 09/186,675

; PRIOR FILING DATE: 1998-11-04

; PRIOR APPLICATION NUMBER: US 09/301,511

; PRIOR FILING DATE: 1999-04-28

; NUMBER OF SEQ ID NOS: 1526

; SOFTWARE: Patent in version 3.0

; SEQ ID NO 401

; LENGTH: 17

; TYPE: RNA

; ORGANISM: Homo sapiens

US-09-474-432B-401

Query Match 0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 71.4%; Pred. No. 2.1e+02;
Matches 10; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 978 CAAGCTCTACTCCA 991
Db 1 CAAGCUCUGCUCCA 14

RESULT 221

US-09-474-432B-839

; Sequence 839, Application US/09474432B

; Patent No. 6528640

GENERAL INFORMATION:

; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Burgin, Alex
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka
; APPLICANT: Sweedler, David
; APPLICANT: Zinnen, Shawn

; TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucle

; FILE REFERENCE: MEH800-831-B (247/276)

; CURRENT APPLICATION NUMBER: US/09/474,432B

; CURRENT FILING DATE: 1999-12-19

; PRIOR APPLICATION NUMBER: US 60/064,866

; PRIOR FILING DATE: 1997-11-05

; PRIOR APPLICATION NUMBER: US 60/084,727

; PRIOR FILING DATE: 1998-04-29

; PRIOR APPLICATION NUMBER: US 09/186,675

; PRIOR FILING DATE: 1998-11-04

; PRIOR APPLICATION NUMBER: US 09/301,511

; PRIOR FILING DATE: 1999-04-28

; NUMBER OF SEQ ID NOS: 1526
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 839
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-474-432B-839

Query Match 0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 78.6%; Pred. No. 2.1e+02;
Matches 11; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 1257 CCCCAACCCCTTC 1270
|||||
DB 4 CCCAGCCCCCUC 17

RESULT 222
US-09-050-861B-35/c
; Sequence 35, Application US/09050861B
; Patent No. 655314
; GENERAL INFORMATION:
; APPLICANT: Pavan, Donald
; TITLE OF INVENTION: TOSO AS A TARGET FOR DRUG SCREENING
; FILE REFERENCE: RIGL-002CON
; CURRENT APPLICATION NUMBER: US/09/050,861B
; CURRENT FILING DATE: 1998-03-30
; PRIOR APPLICATION NUMBER: US/09/651,150B
; PRIOR FILING DATE: 2000-08-30
; PRIOR APPLICATION NUMBER: US 09/050,861
; PRIOR FILING DATE: 1998-03-30
; NUMBER OF SEQ ID NOS: 35
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 35
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: primer
US-09-050-861B-35

Query Match 0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 2.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1253 CCATCCCCACCCC 1266
|||||
DB 16 CTATCCCCACCCC 3

RESULT 223
US-09-371-772B-302/c
; Sequence 302, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime

; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MHB00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 302
; LENGTH: 17
; TYPE: RNA

; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-302

Query Match 0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 2.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1163 ACTGTCCCAACTTT 1176
|||||
DB 17 ACATCCCAACTTT 4

RESULT 224
US-09-371-772B-3770/c
; Sequence 3770, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions
; FILE REFERENCE: MHB00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3770
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Mus sp.
US-09-371-772B-3770

Query Match 0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 2.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1166 GTCCCAACTTTGCG 1179
|||||
DB 14 GTCCCAACTTTGG 1

RESULT 225
US-09-371-772B-6349
; Sequence 6349, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions
; FILE REFERENCE: MHB00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6349
; LENGTH: 17
; TYPE: RNA

```
; ORGANISM: Homo sapiens
US-09-371-772B-6349

Query Match          0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 78.6%; Pred. No. 2.1e+02;
Matches 11; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 840 CCTACCCCGAGTTG 853
DB 4 CCCACCCGAGUUG 17

RESULT 226
US-09-371-772B-6350
; Sequence 6350, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00.876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6350
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-6350

Query Match          0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 78.6%; Pred. No. 2.1e+02;
Matches 11; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 840 CCTACCCCGAGTTG 853
DB 3 CCCACCCGAGUUG 16

RESULT 227
US-09-371-772B-6351
; Sequence 6351, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00.876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6351
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
```

```
US-09-371-772B-6351

Query Match          0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 78.6%; Pred. No. 2.1e+02;
Matches 11; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 840 CCTACCCCGAGTTG 853
DB 2 CCCACCCGAGUUG 15

RESULT 228
US-09-371-772B-6352
; Sequence 6352, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00.876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6352
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-6352

Query Match          0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 78.6%; Pred. No. 2.1e+02;
Matches 11; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 840 CCTACCCCGAGTTG 853
DB 1 CCCACCCGAGUUG 14

RESULT 229
US-09-476-387-400
; Sequence 400, Application US/09476387
; Patent No. 8617438
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka Matulic
; APPLICANT: Sweedler, Dave
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleoside Triphosphate and their Incorporation into Oligonucle
; FILE REFERENCE: MBH00-831-C (249/073)
; CURRENT APPLICATION NUMBER: US/09/476,387
; CURRENT FILING DATE: 2001-04-04
; PRIOR APPLICATION NUMBER: 09/474,432
; PRIOR FILING DATE: 1999-12-29
; PRIOR APPLICATION NUMBER: 09/301,511
; PRIOR FILING DATE: 1999-04-28
; PRIOR APPLICATION NUMBER: 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: 60/083,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/064,866
; PRIOR FILING DATE: 1997-11-05
```

; NUMBER OF SEQ ID NOS: 1524
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 400
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-476-387-400

Query Match 0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 71.4%; Pred. No. 2.1e+02;
Matches 10; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 978 CAAGTCTCTACTCCA 991
|||:|:|:|:
Db 1 CAAGCUCGCUCCA 14

RESULT 230

US-09-476-387-838
; Sequence 838, Application US/09476387
; Patent No. 6617438
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka Matulic
; APPLICANT: Sweedler, Dave
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleot
; FILE REFERENCE: MEH900-831-C (249/073)
; CURRENT APPLICATION NUMBER: US/09/476,387
; CURRENT FILING DATE: 2001-04-04
; PRIOR APPLICATION NUMBER: 09/474,432
; PRIOR FILING DATE: 1999-12-29
; PRIOR APPLICATION NUMBER: 09/301,511
; PRIOR FILING DATE: 1999-04-28
; PRIOR APPLICATION NUMBER: 09/186,575
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: 60/083,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/054,866
; PRIOR FILING DATE: 1997-11-05
; NUMBER OF SEQ ID NOS: 1524
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 838
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-476-387-838

Query Match 0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 78.6%; Pred. No. 2.1e+02;
Matches 11; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 1257 CCCCAACCCCTTC 1270
|||||:|:|:|:
Db 4 CCCAGCCCCCUUC 17

RESULT 231

US-09-401-063-60/c
; Sequence 60, Application US/09401063
; Patent No. 6623962
; GENERAL INFORMATION:
; APPLICANT: Akhtar, Saghir
; APPLICANT: Fell, Patricia
; APPLICANT: McSwigen, James
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
; TITLE OF INVENTION: FACTOR RECEPTORS
; NUMBER OF SEQUENCES: 1877

; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: Storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/401,063
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/985,162
; FILING DATE: 04 December 1997
; APPLICATION NUMBER: 60/036,476
; FILING DATE: 31 January 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 230/107
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1500
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 60:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-401-063-60

Query Match 0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 2.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 863 AGGCACCTGAGGAC 876
|||||:|:|:|:
Db 17 AGGCACCTGAGGAC 4

RESULT 232

US-09-866-108A-975
; Sequence 975, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Shazron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667


```
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 975
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-975

Query Match          0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 2.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1057 GCCCAAAACCCCAAG 1070
DB      1 GCCCAAGCCCAAG 14

RESULT 233
US-09-866-108A-8355/c
; Sequence 8355, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: ACOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8355
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-975
```

```
; ORGANISM: Homo sapiens
US-09-866-108A-8355

Query Match          0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 2.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1137 CTCACGCTCCACCT 1150
DB      17 CTCACGCTCTCCT 4

RESULT 234
US-09-866-108A-8356/c
; Sequence 8356, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: ACOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8356
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8356

Query Match          0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 2.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1137 CTCACGCTCCACCT 1150
DB      16 CTCACGCTCTCCT 3

RESULT 235
US-09-866-108A-8357/c
; Sequence 8357, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
```

; APPLICANT: JI, Yonggang
 ; APPLICANT: PENN, Sharron G.
 ; APPLICANT: HANZEL, David K.
 ; APPLICANT: RANK, David R.
 ; APPLICANT: CHEN, Wensheng
 ; APPLICANT: SHANNON, Mark
 ; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
 ; FILE REFERENCE: AEOMICA-7
 ; CURRENT APPLICATION NUMBER: US/09/866,108A
 ; CURRENT FILING DATE: 2001-05-25
 ; PRIOR APPLICATION NUMBER: US 60/207,456
 ; PRIOR FILING DATE: 2000-05-26
 ; PRIOR APPLICATION NUMBER: GB 24263.6
 ; PRIOR FILING DATE: 2000-10-04
 ; PRIOR APPLICATION NUMBER: US 60/236,359
 ; PRIOR FILING DATE: 2000-09-27
 ; PRIOR APPLICATION NUMBER: PCT/US01/00666
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00667
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00664
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00669
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00665
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00668
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00663
 ; PRIOR FILING DATE: 2001-01-30
 ; Remaining Prior Application data removed - See File Wrapper or PALM.
 ; NUMBER OF SEQ ID NOS: 15755
 ; SOFTWARE: Aecomica Sequence Listing Engine
 ; Patent No. 6686188
 ; SEQ ID NO 8357
 ; LENGTH: 17
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 US-09-866-108A-8357

Query Match 0.6%; Score 12.4; DB 1; Length 17;
 Best Local Similarity 92.9%; Pred. No. 2.1e+02;
 Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1137 CTCGAGCTCCACCT 1150
 |||||
 Db 15 CTCGAGCTCCCTCT 2

RESULT 236
 US-09-866-108A-8358/c
 ; Sequence 8358, Application US/09866108A
 ; Patent No. 6686188
 ; GENERAL INFORMATION:
 ; APPLICANT: GU, Yizhong
 ; APPLICANT: JI, Yonggang
 ; APPLICANT: PENN, Sharron G.
 ; APPLICANT: HANZEL, David K.
 ; APPLICANT: RANK, David R.
 ; APPLICANT: CHEN, Wensheng
 ; APPLICANT: SHANNON, Mark
 ; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
 ; FILE REFERENCE: AEOMICA-7
 ; CURRENT APPLICATION NUMBER: US/09/866,108A
 ; CURRENT FILING DATE: 2001-05-25
 ; PRIOR APPLICATION NUMBER: US 60/207,456
 ; PRIOR FILING DATE: 2000-05-26
 ; PRIOR APPLICATION NUMBER: GB 24263.6
 ; PRIOR FILING DATE: 2000-10-04
 ; PRIOR APPLICATION NUMBER: US 60/236,359
 ; PRIOR FILING DATE: 2000-09-27
 ; PRIOR APPLICATION NUMBER: PCT/US01/00666
 ; PRIOR FILING DATE: 2001-01-30

REFERENCE/DOCKET NUMBER: 209/035
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 65:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-373-124A-65

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 41.2%; Pred. No. 2.4e+02;
Matches 7; Conservative 7; Mismatches 3; Indels 0; Gaps 0;

Qy 910 TTCTTTGCTCTTGCCT 925
Db 1 UGCUAUGGUCUAGCCU 17

RESULT 238
US-08-373-124A-1353/C
Sequence 1353, Application US/08373124A
Patent No. 5846042
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Draper, Kenneth
APPLICANT: McSwiggen, James
APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TREATMENT OF RESTENOSIS AND
TITLE OF INVENTION: CANCER USING RIBOSOMES
NUMBER OF SEQUENCES: 2627
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/373,124A
FILING DATE: January 13, 1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1353:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid

STRANDEDNESS: single
TOPOLOGY: linear
US-08-373-124A-1353
Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.4e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1254 CATGCCCAACCCCTTC 1270
Db 17 CATGCCCAACCCCATC 1

RESULT 239
US-08-782-047-9
Sequence 9, Application US/08782047
Patent No. 5795726
GENERAL INFORMATION:
APPLICANT: Glucksmann, M. Alexandra
TITLE OF INVENTION: Therapeutic Compositions and Methods and
NUMBER OF SEQUENCES: 30
CORRESPONDENCE ADDRESS:
ADDRESSEE: LAHIVE & COCKFIELD
STREET: 60 State Street, suite 510
CITY: Boston
STATE: Massachusetts
COUNTRY: USA
ZIP: 02109-1875
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/782,047
FILING DATE: January 10, 1997
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/760,246
FILING DATE: December 4, 1996
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/749,431
FILING DATE: No. 5795726ember 15, 1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/748,229
FILING DATE: No. 5795726ember 12, 1996
ATTORNEY/AGENT INFORMATION:
NAME: Arnold, Beth E.
REGISTRATION NUMBER: 35,430
REFERENCE/DOCKET NUMBER: MIQ-011CP3
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617)227-7400
TELEFAX: (617)227-5941
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-782-047-9

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.4e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1216 GCTGACCCCATCCTTGC 1232
Db 1 GCAGATCCCTGCTTGC 17

RESULT 240

Query Match	Best Local Similarity	Score	DB 1;	Length	DB 1;
Matches	14;	Conservative	0;	Mismatches	3; Indels
0;	Gaps	0;	Gaps	0;	Gaps
US-08-782-047-27	US-08-749-431A-24	0.6%;	Score 12.2;	DB 1;	Length 17;
Sequence 27, Application US/08782047	Sequence 24, Application US/08749431A	82.4%;	Pred. No. 2.4e+02;		
Patent No. 5795726	Patent No. 5800998	Matches 14;	Conservative 0;	Mismatches 3;	Indels 0;
GENERAL INFORMATION:	GENERAL INFORMATION:				
APPLICANT: Glucksmann, M. Alexandra	APPLICANT: Glucksmann, M. Alexandra				
TITLE OF INVENTION: Therapeutic Compositions and Methods and	TITLE OF INVENTION: THERAPEUTIC COMPOSITIONS AND METHODS;				
NUMBER OF SEQUENCES: 30	NUMBER OF SEQUENCES: 27				
CORRESPONDENCE ADDRESS:	CORRESPONDENCE ADDRESS:				
ADDRESSEE: LAHIVE & COCKFIELD	ADDRESSEE: FOLEY, HOAG & ELIOT LLP				
STREET: 60 State Street, suite 510	STREET: One Post Office Square				
CITY: Boston	CITY: Boston				
STATE: Massachusetts	STATE: MA				
COUNTRY: USA	COUNTRY: USA				
ZIP: 02109-1875	ZIP: 02109-1875				
COMPUTER READABLE FORM:	COMPUTER READABLE FORM:				
MEDIUM TYPE: Floppy disk	MEDIUM TYPE: storage				
COMPUTER: IBM PC compatible	COMPUTER: IBM P.C. DOS 5.0				
OPERATING SYSTEM: PC-DOS/MS-DOS	OPERATING SYSTEM: Word Perfect 5.1				
SOFTWARE: PatentIn Release #1.0, Version #1.25	SOFTWARE: Word Perfect 5.1				
CURRENT APPLICATION DATA:	CURRENT APPLICATION DATA:				
APPLICATION NUMBER: US/08/782,047	APPLICATION NUMBER: US/08/435,628				
FILING DATE: January 10, 1997	FILING DATE: 05-MAY-1995				
CLASSIFICATION: 435	CLASSIFICATION: 514				
PRIOR APPLICATION DATA:	PRIOR APPLICATION DATA:				
APPLICATION NUMBER: 08/760,246	APPLICATION NUMBER: 08/373,124				
FILING DATE: December 4, 1996	FILING DATE: January 13, 1995				
CLASSIFICATION: 435	CLASSIFICATION: 08/245,466				
PRIOR APPLICATION DATA:	PRIOR APPLICATION DATA:				
APPLICATION NUMBER: 08/749,431	APPLICATION NUMBER: 08/192,943				
FILING DATE: No. 5795726ember 15, 1996	FILING DATE: May 18, 1994				
PRIOR APPLICATION DATA:	PRIOR APPLICATION DATA:				
APPLICATION NUMBER: 08/748,229	APPLICATION NUMBER: 08/192,943				
FILING DATE: No. 5795726ember 12, 1996	FILING DATE: May 18, 1994				
ATTORNEY/AGENT INFORMATION:	ATTORNEY/AGENT INFORMATION:				
NAME: Arnold, Beth E.	NAME: Arnold, Beth E.				
REGISTRATION NUMBER: 35,430	REGISTRATION NUMBER: 35,430				
REFERENCE/DOCKET NUMBER: MIQ-011CP3	REFERENCE/DOCKET NUMBER: MIA-011.02				
TELECOMMUNICATION INFORMATION:	TELECOMMUNICATION INFORMATION:				
TELEPHONE: (617)227-7400	TELEPHONE: 617-832-1000				
TELEFAX: (617)227-5941	TELEFAX: 617-832-7000				
INFORMATION FOR SEQ ID NO: 27:	INFORMATION FOR SEQ ID NO: 24:				
SEQUENCE CHARACTERISTICS:	SEQUENCE CHARACTERISTICS:				
LENGTH: 17 base pairs	LENGTH: 17 base pairs				
TYPE: nucleic acid	TYPE: nucleic acid				
STRANDEDNESS: single	STRANDEDNESS: single				
TOPOLOGY: linear	TOPOLOGY: linear				
MOLECULE TYPE: DNA	MOLECULE TYPE: other nucleic acid				
DESCRIPTION: /desc = "primer"	DESCRIPTION: /desc = "primer"				
US-08-782-047-27	US-08-749-431A-24				
Query Match	Query Match				
Best Local Similarity	Best Local Similarity				
Matches 14;	Matches 14;				
Conservative 0;	Conservative 0;				
Mismatches 3;	Mismatches 3;				
Indels 0;	Indels 0;				
Gaps 0;	Gaps 0;				
US-08-782-047-27	US-08-749-431A-24				
Sequence 27, Application US/08782047	Sequence 24, Application US/08749431A				
Patent No. 5795726	Patent No. 5800998				
GENERAL INFORMATION:	GENERAL INFORMATION:				
APPLICANT: Glucksmann, M. Alexandra	APPLICANT: Glucksmann, M. Alexandra				
TITLE OF INVENTION: Therapeutic Compositions and Methods and	TITLE OF INVENTION: THERAPEUTIC COMPOSITIONS AND METHODS;				
NUMBER OF SEQUENCES: 30	NUMBER OF SEQUENCES: 27				
CORRESPONDENCE ADDRESS:	CORRESPONDENCE ADDRESS:				
ADDRESSEE: LAHIVE & COCKFIELD	ADDRESSEE: FOLEY, HOAG & ELIOT LLP				
STREET: 60 State Street, suite 510	STREET: One Post Office Square				
CITY: Boston	CITY: Boston				
STATE: Massachusetts	STATE: MA				

```
; FILING DATE: February 7, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; APPLICATION NUMBER: 07/936,422
; FILING DATE: August 26, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/035
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1353:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-435-628-65

Query Match      0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 41.2%; Pred. No. 2.4e+02;
Matches 7; Conservative 7; Mismatches 3; Indels 0; Gaps 0;

QY 910 TTCCTTGGCTTTGGCT 926
Db 1 UGCUAUGGUCUAGCCU 17

RESULT 243
US-08-435-628-1353/c
; Sequence 1353, Application US/08435628
; Patent No. 5817796
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth
; APPLICANT: McSwigen, James
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
; TITLE OF INVENTION: CANCER USING RIBOZYMES
; NUMBER OF SEQUENCES: 2627
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; STATE: Los Angeles
; COUNTRY: California
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/435,628
; FILING DATE: 05-MAY-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/373,124
; FILING DATE: January 13, 1995
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 08/192,943
; FILING DATE: February 7, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; APPLICATION NUMBER: 07/936,422
; FILING DATE: August 26, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/035
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 65:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-435-628-65

Query Match      0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 41.2%; Pred. No. 2.4e+02;
Matches 7; Conservative 7; Mismatches 3; Indels 0; Gaps 0;

QY 910 TTCCTTGGCTTTGGCT 926
Db 1 UGCUAUGGUCUAGCCU 17

RESULT 243
US-08-173-489C-96
; Sequence 96, Application US/08173489C
; Patent No. 5861244
; GENERAL INFORMATION:
; APPLICANT: WANG, C. -G.
; APPLICANT: HEPBURN, A. G.
; TITLE OF INVENTION: GENETIC SEQUENCE ASSAY USING DNA
; TITLE OF INVENTION: TRIPLE-STRAND FORMATION.
; NUMBER OF SEQUENCES: 365
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: PROFILE DIAGNOSTIC SCIENCES, INC.,
; STREET: 510 EAST 73RD STREET,
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10021.
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch, 1.44Mb storage
; COMPUTER: IBM PC/XT/AT
; OPERATING SYSTEM: MS-DOS version 6.2
; SOFTWARE: Wordperfect Version 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/173,489C
; FILING DATE: 22 DEC 1993
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/968,436
; FILING DATE: 29 OCT 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Handelmann, Joseph H.
; REGISTRATION NUMBER: 26,179
; REFERENCE/DOCKET NUMBER: U9518-6
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (attorney) (212) 708-1880
; TELEFAX: (attorney) (212) 246-8959
; INFORMATION FOR SEQ ID NO: 96:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 bases
; TYPE: nucleic acid
; STRANDEDNESS: single stranded
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: third strand derived from superoxide
; DESCRIPTION: dismutase sequence region in Seq ID No. 586124495
; HYPOTHETICAL: yes
; ANTI-SENSE: no
; PUBLICATION INFORMATION:
; RELEVANT RESIDUES IN SEQ ID NO: 96 :FROM 1 TO 17
```

US-08-173-489C-96

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.4e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1252 CCATCCCAACCCCT 1268
DB 1 CCCCCTCCGCCCT 17

RESULT 245

US-08-889-296A-27
; Sequence 27, Application US/08089296A
; Patent No. 5872242
; GENERAL INFORMATION:
; APPLICANT: Monia, B.P., Consert, L.M. and Manoharan, M.
; TITLE OF INVENTION: Antisense Oligonucleotide
; TITLE OF INVENTION: Inhibition of ras
; NUMBER OF SEQUENCES: 55
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Jane Massey Licata
; STREET: 210 Lake Drive East, Suite 201
; CITY: Cherry Hill
; STATE: NJ
; COUNTRY: USA
; ZIP: 08002
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/889,296A
; FILING DATE: herewith
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/411,734
; FILING DATE: April 3, 1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US93/09346
; FILING DATE: October 1, 1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 958,134
; FILING DATE: October 5, 1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/007,996
; FILING DATE: January 21, 1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0213
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (609) 779-2400
; TELEFAX: (609) 779-8488
; INFORMATION FOR SEQ ID NO: 27:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-08-889-296A-27

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.4e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1131 CTTCACTCCAGTCCA 1147
DB 1 CTAGCCACCAGTCCA 17

RESULT 246

US-08-848-840A-27
; Sequence 27, Application US/08848840A
; Patent No. 5965722
; GENERAL INFORMATION:
; APPLICANT: Monia, et al.
; TITLE OF INVENTION: ANTISENSE INHIBITION OF ras GENE WITH
; TITLE OF INVENTION: CHIMERIC AND ALTERNATING OLIGONUCLEOTIDES
; NUMBER OF SEQUENCES: 33
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5965722ris LLP
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: U.S.A.
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Wordperfect 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/848,840A
; FILING DATE: 30-APR-1997
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/317,289
; FILING DATE: 03-OCT-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/794,493
; FILING DATE: 04-FEB-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/335,046
; FILING DATE: 07-NOV-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/488,256
; FILING DATE: 07-JUN-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/465,866
; FILING DATE: 06-JUN-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/468,037
; FILING DATE: 06-JUN-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/411,734
; FILING DATE: 03-APR-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/227,180
; FILING DATE: 13-APR-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Joseph Lucci
; REGISTRATION NUMBER: 33,307
; REFERENCE/DOCKET NUMBER: ISIS-2458
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-568-3100
; TELEFAX: 215-568-3439
; INFORMATION FOR SEQ ID NO: 27:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 bases
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-848-840A-27

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.4e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1131 CTTCACTCCAGTCCA 1147
DB 1 CTAGCCACCAGTCCA 17

RESULT 247
US-08-985-162-420/c
; Sequence 420, Application US/08985162
; Patent No. 6057156
; GENERAL INFORMATION:
; APPLICANT: Akhtar, Saghir
; APPLICANT: Fell, Patricia
; APPLICANT: Xcswiggen, James
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
; TITLE OF INVENTION: FACTOR RECEPTORS
; NUMBER OF SEQUENCES: 1877
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Fast-Seq for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/985,162
; FILING DATE: 04 December 1997
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/036,476
; FILING DATE: 31 January 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 230/107
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 420:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-985-162-420

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.4e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 869 GTGCTGTTGCCCTGGT 905
DB 17 GTGCTGTTGCACAGGT 1

RESULT 248
US-08-945-654-4
; Sequence 4, Application US/08945654
; Patent No. 6071747
; GENERAL INFORMATION:
; APPLICANT:
; TITLE OF INVENTION: IMMORTALIZED CELL LINES FROM HUMAN
; TITLE OF INVENTION: ADIPOSE TISSUE, PROCESS FOR PREPARING SAME AND APPLICATIONS
; TITLE OF INVENTION: THEREOF.
; NUMBER OF SEQUENCES: 22
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/945,654
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: FR 9504922
FILING DATE: 25-APR-1995
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "PRIMER"
US-08-945-654-4

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.4e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1134 CACCTCCAGCTCCACCT 1150
DB 1 CCCATCCTGCTCCACCT 17

RESULT 249
US-08-961-469A-35
; Sequence 35, Application US/08961469A
; Patent No. 6083923
; GENERAL INFORMATION:
; APPLICANT: Greg Hardee, Richard Geary, Arthur Levin,
; APPLICANT: Mike Templin, Randy Howard, Rahul Mehta
; TITLE OF INVENTION: LIPOSOMAL OLIGONUCLEOTIDE COMPOSITIONS
; NUMBER OF SEQUENCES: 61
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Jane Massey Licata, Esq.
; STREET: 66 E. Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: USA
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: PENTIUM
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/961,469A
; FILING DATE: October 31, 1997
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0219
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-779-2400
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 35:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-08-961-469A-35

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.4e+02;

Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1131 CTTGACCTCCAGCTCCA 1147
Db 1 CTACGCCACCACTCCA 17

RESULT 250

US-09-128-494-27
; Sequence 27, Application US/09128494
; Patent No. 6117848
; GENERAL INFORMATION:
; APPLICANT: Monia, B.P., Cowsett, L.M. and Manoharan, M.
; TITLE OF INVENTION: Antisense Oligonucleotide
; TITLE OF INVENTION: Inhibition of ras
; NUMBER OF SEQUENCES: 55
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Jane Massey Licata
; STREET: 210 Lake Drive East, Suite 201
; CITY: Cherry Hill
; STATE: NJ
; COUNTRY: USA
; ZIP: 08002
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/128,494
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/889,296
; FILING DATE:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/411,734
; FILING DATE: April 3, 1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US93/09346
; FILING DATE: October 1, 1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 959,134
; FILING DATE: October 5, 1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/007,996
; FILING DATE: January 21, 1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0213
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (609) 779-2400
; TELEFAX: (609) 779-8488
; INFORMATION FOR SEQ ID NO: 27:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.4e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1131 CTTACCTCCAGCTCCA 1147
Db 1 CTACGCCACCACTCCA 17

RESULT 251

US-08-924-870A-9
; Sequence 9, Application US/08924870A
; Patent No. 6143491
; GENERAL INFORMATION:
; APPLICANT: G1 cksmann, M. Alexandra
; TITLE OF INVENTION: THERAPEUTIC COMPOSITIONS AND METHODS AND
; TITLE OF INVENTION: DIAGNOSTIC ASSAYS FOR TYPE II DIABETES INVOLVING HNF-1
; NUMBER OF SEQUENCES: 28
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: FOLEY, HOAG & ELIOT LLP
; STREET: One Post Office Square
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02109-2170
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/924,870A
; FILING DATE: 05-SEP-1997
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/782,047
; FILING DATE: 10-JAN-1997
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Arnold, Beth E.
; REGISTRATION NUMBER: 35,430
; REFERENCE/DOCKET NUMBER: MIA-011.27.2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-832-1294
; TELEFAX: 617-832-7000
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "primer"
US-08-924-870A-9
Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.4e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1216 GCTGACCCCATCCTTGC 1232
Db 1 GCAGATCCCGTCTTGC 17

RESULT 252

US-08-924-870A-27
; Sequence 27, Application US/08924870A
; Patent No. 6143491
; GENERAL INFORMATION:
; APPLICANT: G1 cksmann, M. Alexandra
; TITLE OF INVENTION: THERAPEUTIC COMPOSITIONS AND METHODS AND
; TITLE OF INVENTION: DIAGNOSTIC ASSAYS FOR TYPE II DIABETES INVOLVING HNF-1
; NUMBER OF SEQUENCES: 28
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: FOLEY, HOAG & ELIOT LLP
; STREET: One Post Office Square
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02109-2170
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible


```

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/584,040
FILING DATE: January 11, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:

```

TOPOLOGY: linear
US-08-584-040-7413

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 2.4e+02;
Matches 12; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 1239 CCTCGCCTCCGACCCCA 1255
DB 1 CCUCGCUCCAGCCCA 17

RESULT 255
US-09-248-386-27
; Sequence 27, Application US/09248386
; Patent No. 6359124
; GENERAL INFORMATION:
; APPLICANT: Monia, Brett P
; APPLICANT: Freier, Susan M
; APPLICANT: Sanghvi, Yogesh S
; APPLICANT: Cook, Phillip D
; APPLICANT: Ecker, David J
; TITLE OF INVENTION: Antisense Inhibition of RAS Gene with Chimeric and
; FILE REFERENCE: IS183350
; CURRENT APPLICATION NUMBER: US/09/248,386
; CURRENT FILING DATE: 1999-01-12
; EARLIER APPLICATION NUMBER: 08/848,840
; EARLIER FILING DATE: 1997-04-30
; EARLIER APPLICATION NUMBER: 07/411,734
; EARLIER FILING DATE: 1989-09-25
; EARLIER APPLICATION NUMBER: PCT/US93/09346
; EARLIER FILING DATE: 1993-10-01
; EARLIER APPLICATION NUMBER: 07/715,196
; EARLIER FILING DATE: 1991-06-14
; EARLIER APPLICATION NUMBER: 07/958,134
; EARLIER FILING DATE: 1992-10-05
; EARLIER APPLICATION NUMBER: 08/007,996
; EARLIER FILING DATE: 1993-01-21
; EARLIER APPLICATION NUMBER: 07/703,619
; EARLIER FILING DATE: 1991-05-21
; EARLIER APPLICATION NUMBER: 08/040,903
; EARLIER FILING DATE: 1993-03-31
; EARLIER APPLICATION NUMBER: 07/040,526
; EARLIER FILING DATE: 1987-04-20
; EARLIER APPLICATION NUMBER: 08/174,379
; EARLIER FILING DATE: 1993-12-28
; EARLIER APPLICATION NUMBER: 08/040,933
; EARLIER FILING DATE: 1993-03-31
; EARLIER APPLICATION NUMBER: 08/300,072
; EARLIER FILING DATE: 1994-09-02
; EARLIER APPLICATION NUMBER: 08/039,979
; EARLIER FILING DATE: 1993-03-30
; EARLIER APPLICATION NUMBER: 08/395,168
; EARLIER FILING DATE: 1995-02-27
; EARLIER APPLICATION NUMBER: 07/814,961
; EARLIER FILING DATE: 1991-12-24
; EARLIER APPLICATION NUMBER: 08/244,993
; EARLIER FILING DATE: 1994-06-21
; EARLIER APPLICATION NUMBER: 08/468,037
; EARLIER FILING DATE: 1995-06-06
; NUMBER OF SEQ ID NOS: 33
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 27
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence
US-09-248-386-27

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.4e+02;
Matches 12; Conservative 3; Indels 0; Gaps 0;

QY 1131 CTTCACTCTCCAGCTCCA 1147
DB 1 CTACGCCACCACTCCA 17

RESULT 256
US-09-058-165-3/c
; Sequence 3, Application US/09058165
; Patent No. 6387615
; GENERAL INFORMATION:
; APPLICANT: COOKSON, WILLIAM
; APPLICANT: MOFFATT, MIRIAM
; TITLE OF INVENTION: ASTHMA
; FILE REFERENCE: 98-0491*/LC(WMC)/263
; CURRENT APPLICATION NUMBER: US/09/058,165
; CURRENT FILING DATE: 1998-04-10
; NUMBER OF SEQ ID NOS: 5
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 3
; LENGTH: 17
; TYPE: DNA
; ORGANISM: PROBE
US-09-058-165-3

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.4e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1252 CCCATCCCCAACCCCT 1268
DB 17 CCCGTCCTCCATGCCCT 1

RESULT 257
US-09-220-510B-1/c
; Sequence 1, Application US/09220510B
; Patent No. 6440726
; GENERAL INFORMATION:
; APPLICANT: RESNICK, NITZAN
; TITLE OF INVENTION: EXPRESSION VECTORS COMPRISING MULTIPLE SHEAR STRESS
; TITLE OF INVENTION: RESPONSIVE ELEMENTS (SSRE) AND METHODS OF USE FOR
; TITLE OF INVENTION: TREATING DISORDERS RELATED TO VASCULOGENESIS AND/OR
; TITLE OF INVENTION: ANGIOGENESIS IN A SHEAR STRESS ENVIRONMENT
; FILE REFERENCE: P-2771-US
; CURRENT APPLICATION NUMBER: US/09/220,510B
; CURRENT FILING DATE: 1998-12-24
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 1
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial sequence:
; OTHER INFORMATION: A PDGF-A Shear Stress Response Element.
US-09-220-510B-1

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.4e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1238 CCCTCGCCTCCGACCC 1254
DB 17 CCCCGCCCCCGCCCC 1

RESULT 258
US-09-474-432B-521
; Sequence 521, Application US/09474432B
; Patent No. 6528640
; GENERAL INFORMATION:

TOPOLOGY: linear
US-08-584-040-7413

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 2.4e+02;
Matches 12; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 1239 CCTCGCCTCCGACCCCA 1255
DB 1 CCUCGCUCCAGCCCA 17

RESULT 255
US-09-248-386-27
; Sequence 27, Application US/09248386
; Patent No. 6359124
; GENERAL INFORMATION:
; APPLICANT: Monia, Brett P
; APPLICANT: Freier, Susan M
; APPLICANT: Sanghvi, Yogesh S
; APPLICANT: Cook, Phillip D
; APPLICANT: Ecker, David J
; TITLE OF INVENTION: Antisense Inhibition of RAS Gene with Chimeric and
; FILE REFERENCE: IS183350
; CURRENT APPLICATION NUMBER: US/09/248,386
; CURRENT FILING DATE: 1999-01-12
; EARLIER APPLICATION NUMBER: 08/848,840
; EARLIER FILING DATE: 1997-04-30
; EARLIER APPLICATION NUMBER: 07/411,734
; EARLIER FILING DATE: 1989-09-25
; EARLIER APPLICATION NUMBER: PCT/US93/09346
; EARLIER FILING DATE: 1993-10-01
; EARLIER APPLICATION NUMBER: 07/715,196
; EARLIER FILING DATE: 1991-06-14
; EARLIER APPLICATION NUMBER: 07/958,134
; EARLIER FILING DATE: 1992-10-05
; EARLIER APPLICATION NUMBER: 08/007,996
; EARLIER FILING DATE: 1993-01-21
; EARLIER APPLICATION NUMBER: 07/703,619
; EARLIER FILING DATE: 1991-05-21
; EARLIER APPLICATION NUMBER: 08/040,903
; EARLIER FILING DATE: 1993-03-31
; EARLIER APPLICATION NUMBER: 07/040,526
; EARLIER FILING DATE: 1987-04-20
; EARLIER APPLICATION NUMBER: 08/174,379
; EARLIER FILING DATE: 1993-12-28
; EARLIER APPLICATION NUMBER: 08/040,933
; EARLIER FILING DATE: 1993-03-31
; EARLIER APPLICATION NUMBER: 08/300,072
; EARLIER FILING DATE: 1994-09-02
; EARLIER APPLICATION NUMBER: 08/039,979
; EARLIER FILING DATE: 1993-03-30
; EARLIER APPLICATION NUMBER: 08/395,168
; EARLIER FILING DATE: 1995-02-27
; EARLIER APPLICATION NUMBER: 07/814,961
; EARLIER FILING DATE: 1991-12-24
; EARLIER APPLICATION NUMBER: 08/244,993
; EARLIER FILING DATE: 1994-06-21
; EARLIER APPLICATION NUMBER: 08/468,037
; EARLIER FILING DATE: 1995-06-06
; NUMBER OF SEQ ID NOS: 33
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 27
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence
US-09-248-386-27

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.4e+02;
Matches 12; Conservative 3; Indels 0; Gaps 0;

QY 1131 CTTCACTCTCCAGCTCCA 1147
DB 1 CTACGCCACCACTCCA 17

RESULT 256
US-09-058-165-3/c
; Sequence 3, Application US/09058165
; Patent No. 6387615
; GENERAL INFORMATION:
; APPLICANT: COOKSON, WILLIAM
; APPLICANT: MOFFATT, MIRIAM
; TITLE OF INVENTION: ASTHMA
; FILE REFERENCE: 98-0491*/LC(WMC)/263
; CURRENT APPLICATION NUMBER: US/09/058,165
; CURRENT FILING DATE: 1998-04-10
; NUMBER OF SEQ ID NOS: 5
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 3
; LENGTH: 17
; TYPE: DNA
; ORGANISM: PROBE
US-09-058-165-3

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.4e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1252 CCCATCCCCAACCCCT 1268
DB 17 CCCGTCCTCCATGCCCT 1

RESULT 257
US-09-220-510B-1/c
; Sequence 1, Application US/09220510B
; Patent No. 6440726
; GENERAL INFORMATION:
; APPLICANT: RESNICK, NITZAN
; TITLE OF INVENTION: EXPRESSION VECTORS COMPRISING MULTIPLE SHEAR STRESS
; TITLE OF INVENTION: RESPONSIVE ELEMENTS (SSRE) AND METHODS OF USE FOR
; TITLE OF INVENTION: TREATING DISORDERS RELATED TO VASCULOGENESIS AND/OR
; TITLE OF INVENTION: ANGIOGENESIS IN A SHEAR STRESS ENVIRONMENT
; FILE REFERENCE: P-2771-US
; CURRENT APPLICATION NUMBER: US/09/220,510B
; CURRENT FILING DATE: 1998-12-24
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 1
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial sequence:
; OTHER INFORMATION: A PDGF-A Shear Stress Response Element.
US-09-220-510B-1

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.4e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1238 CCCTCGCCTCCGACCC 1254
DB 17 CCCCGCCCCCGCCCC 1

RESULT 258
US-09-474-432B-521
; Sequence 521, Application US/09474432B
; Patent No. 6528640
; GENERAL INFORMATION:

APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Beigelman, Leo
APPLICANT: Burgin, Alex
APPLICANT: Beaudry, Amber
APPLICANT: Karpeisky, Alex
APPLICANT: Adamic, Jasenka
APPLICANT: Sweedler, David
APPLICANT: Zinnen, Shawn
TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleotides
FILE REFERENCE: MBH00-831-B (247/276)
CURRENT APPLICATION NUMBER: US 09/474,432B
CURRENT FILING DATE: 1999-12-19
PRIOR APPLICATION NUMBER: US 60/064,866
PRIOR FILING DATE: 1997-11-05
PRIOR APPLICATION NUMBER: US 60/084,727
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: US 09/186,675
PRIOR FILING DATE: 1998-11-04
PRIOR APPLICATION NUMBER: US 09/301,511
PRIOR FILING DATE: 1999-04-28
NUMBER OF SEQ ID NOS: 1526
SOFTWARE: PatentIn version 3.0
SEQ ID NO 521
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-09-474-432B-521

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 52.9%; Pred. No. 2.4e+02;
Matches 9; Conservative 5; Mismatches 3; Indels 0; Gaps 0;

QY 785 ACGAGTGTCTCTCTGT 801
DB 1 ACCAGUGUGGCCUGU 17

RESULT 259

US-09-474-432B-874/c
Sequence 874, Application US/09474432B
Patent No. 6528640
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Beigelman, Leo
APPLICANT: Burgin, Alex
APPLICANT: Beaudry, Amber
APPLICANT: Karpeisky, Alex
APPLICANT: Adamic, Jasenka
APPLICANT: Sweedler, David
APPLICANT: Zinnen, Shawn
TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleotides
FILE REFERENCE: MBH00-831-B (247/276)
CURRENT APPLICATION NUMBER: US 09/474,432B
CURRENT FILING DATE: 1999-12-19
PRIOR APPLICATION NUMBER: US 60/064,866
PRIOR FILING DATE: 1997-11-05
PRIOR APPLICATION NUMBER: US 60/084,727
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: US 09/186,675
PRIOR FILING DATE: 1998-11-04
PRIOR APPLICATION NUMBER: US 09/301,511
PRIOR FILING DATE: 1999-04-28
NUMBER OF SEQ ID NOS: 1526
SOFTWARE: PatentIn version 3.0
SEQ ID NO 874
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-09-474-432B-874

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.4e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 884 CCACAGTGTCTGTGCCC 900
DB 17 CCCAGTGTCTGTCTC 1

RESULT 260

US-09-371-772B-2763
Sequence 2763, Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions
FILE REFERENCE: MEH00.876-J (237/198)
CURRENT APPLICATION NUMBER: US 09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: PatentIn version 3.0
SEQ ID NO 2763
LENGTH: 17
TYPE: RNA
ORGANISM: Mus sp.
US-09-371-772B-2763

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 2.4e+02;
Matches 12; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 1083 TCCAGGCTTACCCCCA 1099
DB 1 UCCCGGCGCGCCCCA 17

RESULT 261

US-09-371-772B-3220
Sequence 3220, Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions
FILE REFERENCE: MEH00.876-J (237/198)
CURRENT APPLICATION NUMBER: US 09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: PatentIn version 3.0
SEQ ID NO 3220
LENGTH: 17
TYPE: RNA
ORGANISM: Mus sp.
US-09-371-772B-3220

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 2.4e+02;
Matches 12; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

Qy 1239 CCTGGCTCCGACCCA 1255
|||:|:|:|:|:|:|
Db 1 CCUCGGUCCCAAGCCA 17

RESULT 262

```

US-09-371-772B-4237
; Sequence 4237, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Payco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for
; TITLE OF INVENTION: Levels of Vascular E
; FILE REFERENCE: MHH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: fatcatIn version 3.0
; SEQ ID NO 4237
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-4237

```

```
Query Match      0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 64.7%; Pred. NO. 2.4e+02;
Matches 11; Conservative 3; Mismatches 3; Indels
```

```

QY      751  TGCACCTGCCATGCAGG  767
          :||| |:| :|:|:|
Dp      1  UGCAUCUCCAAUGCAGG  17

```

RESULT 263

```

US-09-371-772B-4970
; Sequence 4970, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for
; FILE OF INVENTION: Levels of Vascular E
; FILE REFERENCE: MBH00.876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1995-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4970
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
; US-09-371-772B-4970

```

```
Query Match      0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 2.4e+02;
Matches 13; Conservative 1; Mismatches 3; Indels
```

QY 1054 CTGGCCCCAAACCCAAG 1070

Db 1 CUGACAGCAACCCAG 17

RESULT 264

```

US-09-371-772B-5211
; Sequence 5211, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions
; FILE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MEHB00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 5211
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-5211

```

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 47.1%; Pred. No. 2.4e+02;
Matches 8; Conservative 6; Mismatches 3; Indels

Qy 790 TGTGTCCTCTGTAGTAA 806
: : | | : : : : | |
Db 1 UUUGGCCUCCUCUAGUAA 17

RESULT 265

```

RES001. 283
US-09-371-772B-5457
; Sequence 5457, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions
; FILE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MHB000,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371.772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 5457
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-5457

```

Query Match	0.6%	Score 12.2;	DB 1;	Length 17;
Best Local Similarity	58.8%	Pred. No. 2.4e+02;		
Matches 10: Conservative	4: Mismatches	3: Indels		

Qy 769 TTCTTTCTAAGAGAAA 785
 : : ::

QY 749 TGTGCACCTGCCATGCA 765
: : ||||: |||| ||||
1 TGTGACCTGCGCCGCGCA 17

Qy 875 ACTCAGGCACACAGTG 891
||| ||| ||| ||| :||
Db 1 ACACAGACACACCGUG 17

LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-09-476-387-873

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.4e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 884 CCACAGTGCTGTTGCC 900
DB 17 CCCAGTGTCTTCC 1

RESULT 272
US-09-401-063-420/c
Sequence 420, Application US/09401063
Patent No. 6623962
GENERAL INFORMATION:
APPLICANT: Akhtar, Saghir
APPLICANT: Fell, Patricia
APPLICANT: McSwiggen, James
TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT
TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
TITLE OF INVENTION: FACTOR RECEPTORS
NUMBER OF SEQUENCES: 1877
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq for Windows 2.0
CURRENT APPLICATION DATA: US/09/401.063
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/985.162
FILING DATE: 04 December 1997
APPLICATION NUMBER: 60/036.476
FILING DATE: 31 January 1997
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 230/107
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 420:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-401-063-420

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.4e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 889 GTGCTGTCTTCCCTGCT 905
DB 17 GTGCTGTCTTGCACAGGT 1

US-09-476-387-520
Sequence 520, Application US/09476387
Patent No. 6617438
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Beigelman, Leo
APPLICANT: Beaudry, Amber
APPLICANT: Karpeisky, Alex
APPLICANT: Adamic, Jasenka Matulic
APPLICANT: Sweedler, Dave
APPLICANT: Zinnen, Shawn
TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleotides
FILE REFERENCE: MBH00-831-C (249/073)
CURRENT APPLICATION NUMBER: US/09/476.387
CURRENT FILING DATE: 2001-04-04
PRIOR APPLICATION NUMBER: 09/474.432
PRIOR FILING DATE: 1999-12-29
PRIOR APPLICATION NUMBER: 09/301.511
PRIOR FILING DATE: 1999-04-28
PRIOR APPLICATION NUMBER: 09/186.675
PRIOR FILING DATE: 1998-11-04
PRIOR APPLICATION NUMBER: 60/083.727
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/064.866
PRIOR FILING DATE: 1997-11-05
NUMBER OF SEQ ID NOS: 1524
SOFTWARE: PatentIn version 3.0
SEQ ID NO 520
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-09-476-387-520

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 52.3%; Pred. No. 2.4e+02;
Matches 9; Conservative 5; Mismatches 3; Indels 0; Gaps 0;
QY 785 ACCAGTGCTCTCTGT 801
DB 1 ACCAGUGUGGCGCUG 17

RESULT 271
US-09-476-387-873/c
Sequence 873, Application US/09476387
Patent No. 6617438
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Beigelman, Leo
APPLICANT: Beaudry, Amber
APPLICANT: Karpeisky, Alex
APPLICANT: Adamic, Jasenka Matulic
APPLICANT: Sweedler, Dave
APPLICANT: Zinnen, Shawn
TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleotides
FILE REFERENCE: MBH00-831-C (249/073)
CURRENT APPLICATION NUMBER: US/09/476.387
CURRENT FILING DATE: 2001-04-04
PRIOR APPLICATION NUMBER: 09/474.432
PRIOR FILING DATE: 1999-12-29
PRIOR APPLICATION NUMBER: 09/301.511
PRIOR FILING DATE: 1999-04-28
PRIOR APPLICATION NUMBER: 09/186.675
PRIOR FILING DATE: 1998-11-04
PRIOR APPLICATION NUMBER: 60/083.727
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/064.866
PRIOR FILING DATE: 1997-11-05
NUMBER OF SEQ ID NOS: 1524
SOFTWARE: PatentIn version 3.0
SEQ ID NO 873

US-09-866-108A-2033/c
; Sequence 2033, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 2034
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-2034
Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.4e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 749 TGTGCACCTGCCATGCA 765
||| ||||| ||| |||||
DB 17 TGGGCACCTTCCCTGCA 1
RESULT 278
US-09-866-108A-2680/c
; Sequence 2680, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.

US-09-866-108A-2034/c
; Sequence 2034, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 2033
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-2033
Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.4e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 750 GTGCACCTGCCATGCGAG 766
||| ||||| ||| |||||
DB 17 GGGCACCTTCCCTGCGAG 1
RESULT 277
US-09-866-108A-2034/c
; Sequence 2034, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6

; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 2680
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-2680

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.4e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1172 ACTTGGCGTCCCGC 1198
Db 17 ACTTGCAGGCCCGC 1

RESULT 279
US-09-866-108A-6062/c
; Sequence 6062, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: ACOMICA-7
; CURRENT APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 6062
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-6062

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.4e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1130 CCTTCAGTCCAGCTCC 1146
Db 17 CCTTCAGTCCAGCTCC 1

RESULT 280
US-09-866-108A-8395/c
; Sequence 8395, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: ACOMICA-7
; CURRENT APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8395
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8395

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.4e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1098 CACCTGGGCTTCAGTC 1114
Db 17 CACACTGGCTTCATC 1

RESULT 281
US-09-866-108A-8398/c
; Sequence 8398, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: ACOMICA-7
; CURRENT APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26

; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 8398
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8398

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.4e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1095 CCCCACCTGGGCTTCA 1111
DB 17 CCTCACACTGGCTTCA 1

RESULT 282
US-09-866-108A-10588/c
; Sequence 10588, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: ACOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30

; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 10588
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-10588

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.4e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1022 AGGGGAGCTTGAAGGA 1038
DB 17 AAGGGCAGCTTCAAGGA 1

RESULT 283
US-09-657-042A-75
; Sequence 75, Application US/09657042A
; Patent No. 6329203
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF GLIOMA-ASSOCIATED ONCOGENE-1 EXPRI
; FILE REFERENCE: RTS-0148
; CURRENT APPLICATION NUMBER: US/09/657,042A
; CURRENT FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 75
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-657-042A-75

Query Match 0.6%; Score 12.2; DB 1; Length 20;
Best Local Similarity 82.4%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1677 CCCCATTCTTTCTGGA 1693
DB 4 CCCCCAATTTTCTGGA 20

RESULT 284
US-08-585-684B-619/c
; Sequence 619, Application US/08585684B
; Patent No. 5877021
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Daniel T.
; APPLICANT: Jarvis, Thale
; APPLICANT: McSwigen, James
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
; TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
; NUMBER OF SEQUENCES: 2751
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0

```
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/585,684B
; FILING DATE: January 16, 1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/000,951
; FILING DATE: July 7, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/078
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 619:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-585-684B-619

Query Match          0.6%; Score 12; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1011 ACCTGAAAAAGA 1022
Db      12 ACCTGAAAAAGA 1

RESULT 285
US-09-038-073-619/c
; Sequence 619, Application US/09038073
; Patent No. 6194150
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Daniel T.
; APPLICANT: Jarvis, Thale
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
; TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
; NUMBER OF SEQUENCES: 2751
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/038,073
; FILING DATE:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/585,684
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/078
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 619:

; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-585-684B-619

Query Match          0.6%; Score 12; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1011 ACCTGAAAAAGA 1022
Db      12 ACCTGAAAAAGA 1

RESULT 286
US-08-584-040-8450
; Sequence 8450, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 8450:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-584-040-8450

Query Match          0.6%; Score 12; DB 1; Length 15;
Best Local Similarity 50.0%; Pred. No. 1.9e+02;
Matches 6; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

Qy      915 TGCTCTTCCT 926
```

```
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-09-038-073-619

Query Match          0.6%; Score 12; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1011 ACCTGAAAAAGA 1022
Db      12 ACCTGAAAAAGA 1

RESULT 286
US-08-584-040-8450
; Sequence 8450, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 8450:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-584-040-8450

Query Match          0.6%; Score 12; DB 1; Length 15;
Best Local Similarity 50.0%; Pred. No. 1.9e+02;
Matches 6; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

Qy      915 TGCTCTTCCT 926
```

erfe

APPLICANT: Scholin, Christopher A.
APPLICANT: Cangelosi, Gerard A.
APPLICANT: Haydock, Paul V.
TITLE OF INVENTION: Detection of Toxicogenic Marine Diatoms of
the Genus Pseudo-nitzschia
NUMBER OF SEQUENCES: 45
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US 60/018,143
FILING DATE: 21-MAY-1997
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/018,143
FILING DATE: 22-MAY-1996
ATTORNEY/AGENT INFORMATION:
NAME: Weber, Kenneth A.
REGISTRATION NUMBER: 31,677
REFERENCE/DOCKET NUMBER: 017748-000110US
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 12:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: RNA
US-08-861-096A-12

Query Match 0.6%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 2.7e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1283 ACAGCGCCAC 1294
|||||
DB 12 ACAGCGCCAC 1

RESULT 291
US-08-861-096A-29
Sequence 29, Application US/08861096A
Patent No. 5958689
GENERAL INFORMATION:
APPLICANT: Scholin, Christopher A.
APPLICANT: Cangelosi, Gerard A.
APPLICANT: Haydock, Paul V.
TITLE OF INVENTION: Detection of Toxicogenic Marine Diatoms of
the Genus Pseudo-nitzschia
NUMBER OF SEQUENCES: 45
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/861,096A
FILING DATE: 21-MAY-1997
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/018,143
FILING DATE: 22-MAY-1996
ATTORNEY/AGENT INFORMATION:
NAME: Weber, Kenneth A.
REGISTRATION NUMBER: 31,677
REFERENCE/DOCKET NUMBER: 017748-000110US
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 29:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-861-096A-29

Query Match 0.6%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 2.7e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1283 ACAGCGCCAC 1294
|||||
DB 6 ACAGCGCCAC 17

RESULT 292
US-08-584-040-1499
Sequence 1499, Application US/08584040
Patent No. 6346398
GENERAL INFORMATION:
APPLICANT: Pavco, Pamela
APPLICANT: McSwiggen, James
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TREATMENT OF DISEASES OR
CONDITIONS RELATED TO LEVELS
OF VASCULAR ENDOTHELIAL
GROWTH FACTOR
TITLE OF INVENTION: GROWTH FACTOR
NUMBER OF SEQUENCES: 8502
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
SUITE: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/584,040
FILING DATE: January 11, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELECOMMUNICATION INFORMATION:

TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1499:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-584-040-1499

Query Match 0.6%; Score 12; DB 1; Length 17;
Best Local Similarity 50.0%; Pred. No. 2.7e+02;
Matches 6; Conservative 6; Mismatches 0; Indels 0; Gaps 0;

QY 915 TGGTCTTTGGCT 926
:|:|:|:|:|:|:
Db 5 UGGUCUUUGCCU 16

RESULT 293
US-08-584-040-1500
Sequence 1500, Application US/08584040
Patent No. 6346398
GENERAL INFORMATION:
APPLICANT: Pavco, Pamela
APPLICANT: McSwiggen, James
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TREATMENT OF DISEASES OR
CONDITIONS RELATED TO LEVELS
OF VASCULAR ENDOTHELIAL
GROWTH FACTOR
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
GROWTH FACTOR
NUMBER OF SEQUENCES: 8502
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/584,040
FILING DATE: January 11, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1500:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-584-040-1500

Query Match 0.6%; Score 12; DB 1; Length 17;
Best Local Similarity 50.0%; Pred. No. 2.7e+02;
Matches 6; Conservative 6; Mismatches 0; Indels 0; Gaps 0;

QY 915 TGGTCTTTGGCT 926
:|:|:|:|:|:|:
Db 5 UGGUCUUUGCCU 16

RESULT 295
US-08-584-040-1969/c
Sequence 1969, Application US/08584040
Patent No. 6346398

Best Local Similarity 50.0%; Pred. No. 2.7e+02;
Matches 6; Conservative 6; Mismatches 0; Indels 0; Gaps 0;
QY 915 TGGTCTTTGGCT 926
:|:|:|:|:|:|:
Db 3 UGGUCUUUGCCU 14

RESULT 294
US-08-584-040-1501
Sequence 1501, Application US/08584040
Patent No. 6346398
GENERAL INFORMATION:
APPLICANT: Pavco, Pamela
APPLICANT: McSwiggen, James
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TREATMENT OF DISEASES OR
CONDITIONS RELATED TO LEVELS
OF VASCULAR ENDOTHELIAL
GROWTH FACTOR
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
GROWTH FACTOR
NUMBER OF SEQUENCES: 8502
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/584,040
FILING DATE: January 11, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1501:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-584-040-1501

Query Match 0.6%; Score 12; DB 1; Length 17;
Best Local Similarity 50.0%; Pred. No. 2.7e+02;
Matches 6; Conservative 6; Mismatches 0; Indels 0; Gaps 0;

QY 915 TGGTCTTTGGCT 926
:|:|:|:|:|:|:
Db 2 UGGUCUUUGCCU 13

RESULT 295
US-08-584-040-1969/c
Sequence 1969, Application US/08584040
Patent No. 6346398

GENERAL INFORMATION:
APPLICANT: Pavco, Pamela
APPLICANT: McSwiggen, James
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: TREATMENT OF DISEASES OR
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
TITLE OF INVENTION: GROWTH FACTOR
NUMBER OF SEQUENCES: 8502
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: Storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/584,040
FILING DATE: January 11, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1969:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-584-040-1969

Query Match 0.6%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 2.7e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 805 AACTGTAAGAAA 816
Db 17 AACTGTAAGAAA 6

RESULT 296
US-08-584-040-1970/c
Sequence 1970, Application US/08584040
Patent No. 6346398
GENERAL INFORMATION:
APPLICANT: Pavco, Pamela
APPLICANT: McSwiggen, James
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: TREATMENT OF DISEASES OR
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
TITLE OF INVENTION: GROWTH FACTOR
NUMBER OF SEQUENCES: 8502
CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: Storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/584,040
FILING DATE: January 11, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1970:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-584-040-1970

Query Match 0.6%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 2.7e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 805 AACTGTAAGAAA 816
Db 15 AACTGTAAGAAA 4

RESULT 297
US-08-584-040-1971/c
Sequence 1971, Application US/08584040
Patent No. 6346398
GENERAL INFORMATION:
APPLICANT: Pavco, Pamela
APPLICANT: McSwiggen, James
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: TREATMENT OF DISEASES OR
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
TITLE OF INVENTION: GROWTH FACTOR
NUMBER OF SEQUENCES: 8502
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: Storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
CORRESPONDENCE ADDRESS:

SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/584,040
FILING DATE: January 11, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1971:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-584-040-1971

Query Match 0.6%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 2.7e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 805 AACTGTAAAGAA 816
|||
DB 14 AACTGTAAAGAA 3

RESULT 298

US-09-371-772B-44
Sequence 44, Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MBH00,876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: PatentIn version 3.0
SEQ ID NO 44
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-09-371-772B-44

Query Match 0.6%; Score 12; DB 1; Length 17;
Best Local Similarity 50.0%; Pred. No. 2.7e+02;
Matches 6; Conservative 6; Mismatches 0; Indels 0; Gaps 0;

QY 915 TGGTCTTTGCCT 926
|||
DB 5 UGGUCUUUGCCU 16

RESULT 299

US-09-371-772B-45
Sequence 45, Application US/09371772B
Patent No. 6566127

GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MBH00,876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: PatentIn version 3.0
SEQ ID NO 45
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-09-371-772B-45

Query Match 0.6%; Score 12; DB 1; Length 17;
Best Local Similarity 50.0%; Pred. No. 2.7e+02;
Matches 6; Conservative 6; Mismatches 0; Indels 0; Gaps 0;

QY 915 TGGTCTTTGCCT 926
|||
DB 3 UGGUCUUUGCCU 14

RESULT 300

US-09-371-772B-46
Sequence 46, Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MBH00,876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: PatentIn version 3.0
SEQ ID NO 46
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-09-371-772B-46

Query Match 0.6%; Score 12; DB 1; Length 17;
Best Local Similarity 50.0%; Pred. No. 2.7e+02;
Matches 6; Conservative 6; Mismatches 0; Indels 0; Gaps 0;

QY 915 TGGTCTTTGCCT 926
|||
DB 2 UGGUCUUUGCCU 13

RESULT 301

US-09-371-772B-514/c
Sequence 514, Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:


```

; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Receptor
; FILE REFERENCE: MBH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 514
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-514

Query Match          0.6%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 2.7e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      805 AACTGTAAGAA 816
      |||||
Db      17 AACTGTAAGAA 6

RESULT 302
US-09-371-772B-515/c
; Sequence 515, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Receptor
; FILE REFERENCE: MBH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 515
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-515

Query Match          0.6%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 2.7e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      805 AACTGTAAGAA 816
      |||||
Db      15 AACTGTAAGAA 4

RESULT 303
US-09-371-772B-516/c
; Sequence 516, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Receptor
; FILE REFERENCE: MBH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 516
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-516

Query Match          0.6%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 2.7e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      805 AACTGTAAGAA 816
      |||||
Db      14 AACTGTAAGAA 3

RESULT 304
US-09-371-772B-4244
; Sequence 4244, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Receptor
; FILE REFERENCE: MBH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4244
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-4244

Query Match          0.6%; Score 12; DB 1; Length 17;
Best Local Similarity 50.0%; Pred. No. 2.7e+02;
Matches 6; Conservative 6; Mismatches 0; Indels 0; Gaps 0;

QY      915 TGGCTTTGCGT 926
      :|||:
Db      4 UGGUCUUGCCU 15

RESULT 305
US-09-371-772B-4813/c
; Sequence 4813, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
```

; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4813
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-4813

Query Match 0.6%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 2.7e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 805 AACTGTAAAGAA 816
|||
Db 16 AACTGTAAAGAA 5

RESULT 306

US-09-371-772B-4814/c
; Sequence 4814, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4814
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-4814

Query Match 0.6%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 2.7e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 805 AACTGTAAAGAA 816
|||
Db 12 AACTGTAAAGAA 1

RESULT 307

US-09-866-108A-303
; Sequence 303, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: Ji, Yonggang
; APPLICANT: Penn, Sharron G.

; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 303
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-303

Query Match 0.6%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 2.7e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1013 CTGAAAAGAGG 1024
|||
Db 6 CTGAAAAGAGG 17

RESULT 308

US-09-866-108A-304
; Sequence 304, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: Ji, Yonggang
; APPLICANT: Penn, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30

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; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 304
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-304

Query Match      0.6%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 2.7e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1013 CTGAAAAAGAGG 1024
Db 5 CTGAAAAAGAGG 16

RESULT 309
US-09-866-108A-305
; Sequence 305, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEWICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 306
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-305

Query Match      0.6%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 2.7e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1013 CTGAAAAAGAGG 1024
Db 3 CTGAAAAAGAGG 14

RESULT 311
US-09-866-108A-307
; Sequence 307, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; US-09-866-108A-307
```

APPLICANT: PENN, Sharon G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEWICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
REMAINING Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aemica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 307
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-307

Query Match 0.6%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 2.7e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1013 CTGAAAGAGG 1024
Db 2 CTGAAAGAGG 13

RESULT 312
US-09-106-038A-62
Sequence 62, Application US/09106038A
Patent No. 6007995
GENERAL INFORMATION:
APPLICANT: Brenda F. Baker and Lex M. Cowser
TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 91
CORRESPONDENCE ADDRESS:
ADDRESSEE: Isis Pharmaceuticals, Inc.
STREET: 2922 Faraday Avenue
CITY: Carlsbad
STATE: CA
COUNTRY: U.S.A.
ZIP: 92008
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
COMPUTER: IBM PC compatible
OPERATING SYSTEM: Windows NT
SOFTWARE: Microsoft Word 97
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/106,038A
FILING DATE: June 26, 1998
CLASSIFICATION: 514

ATTORNEY/AGENT INFORMATION:
NAME: Laurel Spear Bernstein
REGISTRATION NUMBER: 37,290
REFERENCE/DOCKET NUMBER: RTS-0004
TELECOMMUNICATION INFORMATION:
TELEPHONE: (760) 931-9200
TELEFAX: (760) 603-3820
INFORMATION FOR SEQ ID NO: 62:
SEQUENCE CHARACTERISTICS:
LENGTH: 18
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-106-038A-62
Query Match 0.6%; Score 12; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 3.1e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 816 AAGCTGGAGTG 827
Db 2 AAGCTGGAGTG 13

RESULT 313
US-08-529-190B-16/c
Sequence 16, Application US/08529190B
Patent No. 5833991
GENERAL INFORMATION:
APPLICANT: Masucci, Maria G.
TITLE OF INVENTION: GLYCINE-CONTAINING SEQUENCES
TITLE OF INVENTION: CONFERRING INVISIBILITY TO THE IMMUNE SYSTEM
NUMBER OF SEQUENCES: 76
CORRESPONDENCE ADDRESS:
ADDRESSEE: Banner & Witcoff, Ltd.
STREET: One Financial Center
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02111
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: Wordperfect 6.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/529,190B
FILING DATE: 15-SEP-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: S9501324-9
FILING DATE: 10-APR-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US08/522,595
FILING DATE: 01-SEP-1995
ATTORNEY/AGENT INFORMATION:
NAME: Williams, Ph.D., Kathleen A
REGISTRATION NUMBER: 34,380
REFERENCE/DOCKET NUMBER: 3255/53015
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-345-9100
TELEFAX: 617-345-9111
INFORMATION FOR SEQ ID NO: 16:
SEQUENCE CHARACTERISTICS:
LENGTH: 24 bases
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
US-08-529-190B-16

Query Match 0.6%; Score 12; DB 1; Length 24;
Best Local Similarity 75.0%; Pred. No. 6e+02;

Matches 15; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 1508 TGGAGCTGCTGGGAGCGGTG 1527
|||||

Db 23 TGGAGCTGAGGTGGCGGTG 4
|||||

RESULT 314

US-08-325-509-14/c

; Sequence 14, Application US/08325509

; Patent No. 5543308

; GENERAL INFORMATION:

; APPLICANT: MORGAN, RICHARD D.

; TITLE OF INVENTION: ISOLATED DNA ENCODING THE F8E1

; TITLE OF INVENTION: RESTRICTION ENDONUCLEASE AND RELATED METHODS FOR

; TITLE OF INVENTION: PRODUCING THE SAME

; NUMBER OF SEQUENCES: 55

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: GREGORY D. WILLIAMS; NEW ENGLAND

; ADDRESSEE: BIOLOGICS, INC.

; STREET: 32 TOZER ROAD

; CITY: BEVERLY

; STATE: MASSACHUSETTS

; COUNTRY: US

; ZIP: 01915

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: Patent In Release #1.0, Version #1.25

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/325,509

; FILING DATE: 18-OCT-1994

; CLASSIFICATION: 435

; ATTORNEY/AGENT INFORMATION:

; NAME: WILLIAMS, GREGORY D.

; REGISTRATION NUMBER: 30901

; REFERENCE/DOCKET NUMBER: NEB-104

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (508) 927-5054

; TELEFAX: (508) 927-1705

; INFORMATION FOR SEQ ID NO: 14:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 14 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: unknown

; TOPOLOGY: unknown

; MOLECULE TYPE: DNA (genomic)

US-08-325-509-14

Query Match 0.5%; Score 11.8; DB 1; Length 14;

Best Local Similarity 71.4%; Pred. No. 1.7e+02;

Matches 10; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 853 GAGAATGTTAAGG 866
|||||

Db 14 GAGAATGTTAARGG 1
|||||

RESULT 315

US-08-182-968A-109/c

; Sequence 109, Application US/08182968A

; Patent No. 5610054

; GENERAL INFORMATION:

; APPLICANT: Draper, Kenneth G.

; TITLE OF INVENTION: METHOD AND REAGENT FOR

; TITLE OF INVENTION: INHIBITING HEPATITIS C

; TITLE OF INVENTION: VIRUS REPLICATION

; NUMBER OF SEQUENCES: 497

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Lyon & Lyon

; STREET: 633 West Fifth Street

; CITY: Suite 4700

CITY: Los Angeles

STATE: California

COUNTRY: U.S.A.

ZIP: 90071-2066

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

COMPUTER: IBM Compatible

OPERATING SYSTEM: IBM P.C. DOS 5.0

SOFTWARE: Word Perfect 5.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/182,968A

FILING DATE: 13-JANUARY-1994

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 07/882,888

FILING DATE: 14-MAY-1992

ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard J.

REGISTRATION NUMBER: 32,327

REFERENCE/DOCKET NUMBER: 205/277

TELECOMMUNICATION INFORMATION:

TELEPHONE: (213) 489-1600

TELEFAX: (213) 955-0440

INFORMATION FOR SEQ ID NO: 109:

SEQUENCE CHARACTERISTICS:

LENGTH: 15

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-08-182-968A-109

Query Match 0.5%; Score 11.8; DB 1; Length 15;

Best Local Similarity 86.7%; Pred. No. 2.1e+02;

Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 753 CACCTGCCATGCAGG 767
|||||

Db 15 CACCTGCCAGCAGG 1
|||||

RESULT 316

US-08-182-968A-315/c

; Sequence 315, Application US/08182968A

; Patent No. 5610054

; GENERAL INFORMATION:

; APPLICANT: Draper, Kenneth G.

; TITLE OF INVENTION: METHOD AND REAGENT FOR

; TITLE OF INVENTION: INHIBITING HEPATITIS C

; TITLE OF INVENTION: VIRUS REPLICATION

; NUMBER OF SEQUENCES: 497

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Lyon & Lyon

; STREET: 633 West Fifth Street

; CITY: Suite 4700

STATE: California

COUNTRY: U.S.A.

ZIP: 90071-2066

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

COMPUTER: IBM Compatible

OPERATING SYSTEM: IBM P.C. DOS 5.0

SOFTWARE: Word Perfect 5.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/182,968A

FILING DATE: 13-JANUARY-1994

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 07/882,888

FILING DATE: 14-MAY-1992

ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard J.

Db 15 GAGTGAGAGGACAG 1

RESULT 319

US-08-291-932A-223

; Sequence 223, Application US/08291932A

; Patent No. 5658780

; GENERAL INFORMATION:

; APPLICANT: Stinchcomb, Dan T.

; APPLICANT: Draper, Kenneth G.

; APPLICANT: McSwiggen, James

; TITLE OF INVENTION: RIBOZYME TREATMENT OF

; TITLE OF INVENTION: DISEASES OR CONDITIONS

; TITLE OF INVENTION: RELATED TO LEVELS OF

; NUMBER OF SEQUENCES: 830

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Lyon & Lyon

; STREET: 633 West Fifth Street

; CITY: Los Angeles

; STATE: California

; COUNTRY: U.S.A.

; ZIP: 90071-2066

; COMPUTER READABLE FORM:

; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

; MEDIUM TYPE: storage

; COMPUTER: IBM Compatible

; OPERATING SYSTEM: IBM P.C. DOS 5.0

; SOFTWARE: Word Perfect 5.1

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/291,932A

; FILING DATE: August 15, 1994

; CLASSIFICATION: 514

; PRIOR APPLICATION DATA:

; PRIOR APPLICATION DATA: including application

; PRIOR APPLICATION DATA: described below:

; APPLICATION NUMBER: 08/245,466

; FILING DATE: May 18, 1994

; APPLICATION NUMBER: 07/987,132

; FILING DATE: December 7, 1992

; ATTORNEY/AGENT INFORMATION:

; NAME: Warburg, Richard J.

; REGISTRATION NUMBER: 32,327

; REFERENCE/DOCKET NUMBER: 208/157

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (213) 489-1600

; TELEFAX: (213) 955-0440

; INFORMATION FOR SEQ ID NO: 223:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 15 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

; US-08-291-932A-223

Query Match 0.5%; Score 11.8; DB 1; Length 15;

Best Local Similarity 80.0%; Pred. No. 2.1e+02;

Matches 12; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 1085 CAGGCTTACCCCCA 1099

Db 1 CCGGCCUCCAGCCCCA 15

RESULT 320

US-08-291-932A-349

; Sequence 349, Application US/08291932A

; Patent No. 5658780

; GENERAL INFORMATION:

; APPLICANT: Stinchcomb, Dan T.

; APPLICANT: Draper, Kenneth G.

; APPLICANT: McSwiggen, James

; TITLE OF INVENTION: RIBOZYME TREATMENT OF

; TITLE OF INVENTION: DISEASES OR CONDITIONS

; TITLE OF INVENTION: RELATED TO LEVELS OF

; NUMBER OF SEQUENCES: 830

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Lyon & Lyon

; STREET: 633 West Fifth Street

; CITY: Los Angeles

; STATE: California

; COUNTRY: U.S.A.

; ZIP: 90071-2066

; COMPUTER READABLE FORM:

; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

; MEDIUM TYPE: storage

; COMPUTER: IBM Compatible

; OPERATING SYSTEM: IBM P.C. DOS 5.0

; SOFTWARE: Word Perfect 5.1

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/291,932A

; FILING DATE: August 15, 1994

; CLASSIFICATION: 514

; PRIOR APPLICATION DATA:

; PRIOR APPLICATION DATA: including application

; PRIOR APPLICATION DATA: described below:

; APPLICATION NUMBER: 08/245,466

; FILING DATE: May 18, 1994

; APPLICATION NUMBER: 07/987,132

; FILING DATE: December 7, 1992

; ATTORNEY/AGENT INFORMATION:

; NAME: Warburg, Richard J.

; REGISTRATION NUMBER: 32,327

; REFERENCE/DOCKET NUMBER: 208/157

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (213) 489-1600

; TELEFAX: (213) 955-0440

; TELEX: 67-3510

; INFORMATION FOR SEQ ID NO: 349:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 15 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

; US-08-291-932A-349

Query Match 0.5%; Score 11.8; DB 1; Length 15;

Best Local Similarity 80.0%; Pred. No. 2.1e+02;

Matches 12; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 1084 CCAGGCTTACCCCC 1098

Db 1 CCAGGCCUCCAGCCCC 15

RESULT 321

US-08-292-620A-443

; Sequence 443, Application US/08292620A

; Patent No. 5837542

; GENERAL INFORMATION:

; APPLICANT: Susan Grimm

; APPLICANT: Dan T. Stinchcomb

; APPLICANT: James McSwiggen

; APPLICANT: Sean Sullivan

; APPLICANT: Kenneth G. Draper

; TITLE OF INVENTION: RIBOZYME TREATMENT OF

; TITLE OF INVENTION: DISEASES OR CONDITIONS

; TITLE OF INVENTION: RELATED TO LEVELS OF

; TITLE OF INVENTION: INTRACELLULAR ADHESION

; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)

; NUMBER OF SEQUENCES: 2390

; CORRESPONDENCE ADDRESS:

```
; ADDRESSSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/292,620A
; FILING DATE: August 17, 1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA: including application
; PRIOR APPLICATION DATA: described below:
; APPLICATION NUMBER: 08/008,895
; FILING DATE: January 19, 1993
; APPLICATION NUMBER: 07/989,849
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 208/149
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 443:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-292-620A-443

Query Match 0.5%; Score 11.8; DB 1; Length 15;
Best Local Similarity 60.0%; Pred. No. 2.1e+02;
Matches 9; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 1170 CAACCTTGGCGCTCC 1184
|||||:|:|:|:|:|
Db 1 CACUUUUUACGUCC 15

RESULT 322
US-08-774-306A-109/c
; Sequence 109, Application US/08774306A
; Patent No. 5869253
; GENERAL INFORMATION:
; APPLICANT: Draper, Kenneth G.
; TITLE OF INVENTION: METHOD AND REAGENT FOR
; TITLE OF INVENTION: INHIBITING HEPATITIS C
; TITLE OF INVENTION: VIRUS REPLICATION
; NUMBER OF SEQUENCES: 497
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/774,306A
; FILING DATE: December 25, 1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/182,968
; FILING DATE: January 13, 1994
; APPLICATION NUMBER: 07/882,888
; FILING DATE: May 14, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 223/227
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510

; ADDRESSSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/774,306A
; FILING DATE: December 25, 1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/182,968
; FILING DATE: January 13, 1994
; APPLICATION NUMBER: 07/882,888
; FILING DATE: May 14, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 223/227
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510

; ADDRESSSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/292,620A
; FILING DATE: August 17, 1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA: including application
; PRIOR APPLICATION DATA: described below:
; APPLICATION NUMBER: 08/008,895
; FILING DATE: January 19, 1993
; APPLICATION NUMBER: 07/989,849
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 208/149
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 443:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-292-620A-443

Query Match 0.5%; Score 11.8; DB 1; Length 15;
Best Local Similarity 60.0%; Pred. No. 2.1e+02;
Matches 9; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 1170 CAACCTTGGCGCTCC 1184
|||||:|:|:|:|:|
Db 1 CACUUUUUACGUCC 15

RESULT 322
US-08-774-306A-109/c
; Sequence 109, Application US/08774306A
; Patent No. 5869253
; GENERAL INFORMATION:
; APPLICANT: Draper, Kenneth G.
; TITLE OF INVENTION: METHOD AND REAGENT FOR
; TITLE OF INVENTION: INHIBITING HEPATITIS C
; TITLE OF INVENTION: VIRUS REPLICATION
; NUMBER OF SEQUENCES: 497
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/774,306A
; FILING DATE: December 25, 1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/182,968
; FILING DATE: January 13, 1994
; APPLICATION NUMBER: 07/882,888
; FILING DATE: May 14, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 223/227
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510

; ADDRESSSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/292,620A
; FILING DATE: August 17, 1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA: including application
; PRIOR APPLICATION DATA: described below:
; APPLICATION NUMBER: 08/008,895
; FILING DATE: January 19, 1993
; APPLICATION NUMBER: 07/989,849
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 208/149
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 443:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-774-306A-109

Query Match 0.5%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 2.1e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 753 CACCTGCCATGCAGG 767
|||||:|:|:|:|:|
Db 15 CACCTGCCAGCAGG 1

RESULT 323
US-08-774-306A-315/c
; Sequence 315, Application US/08774306A
; Patent No. 5869253
; GENERAL INFORMATION:
; APPLICANT: Draper, Kenneth G.
; TITLE OF INVENTION: METHOD AND REAGENT FOR
; TITLE OF INVENTION: INHIBITING HEPATITIS C
; TITLE OF INVENTION: VIRUS REPLICATION
; NUMBER OF SEQUENCES: 497
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/774,306A
; FILING DATE: December 25, 1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/182,968
; FILING DATE: January 13, 1994
; APPLICATION NUMBER: 07/882,888
; FILING DATE: May 14, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 223/227
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
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```

; INFORMATION FOR SEQ ID NO: 315:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
US-08-774-306A-315
Query Match 0.5%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 2.1e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 816 AGCCTGGAGTGCAC 830
Db 15 AGCCACGAGTGCAC 1

RESULT 324
US-08-585-684B-2081
; Sequence 2081, Application US/08585684B
; Patent No. 5877021
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Daniel T.
; APPLICANT: Jarvis, Thale
; APPLICANT: McSwigen, James
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: INDUCTION OF GRFT TOLERANCE
; TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
; NUMBER OF SEQUENCES: 2751
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/585,684B
; FILING DATE: January 16, 1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/000,951
; FILING DATE: July 7, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/078
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 2081:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
US-08-585-684B-2081
Query Match 0.5%; Score 11.8; DB 1; Length 15;
Best Local Similarity 66.7%; Pred. No. 2.1e+02;
Matches 10; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 743 ACACCGTGCACCT 757
Db 1 ACACCAUCGACCU 15
```

```

RESULT 325
US-08-819-867-68/c
; Sequence 68, Application US/08819867
; Patent No. 6007989
; GENERAL INFORMATION:
; APPLICANT: Michael D. West
; APPLICANT: Calvin B. Harley
; APPLICANT: Scott L. Weinrich
; APPLICANT: Catherine M. Strahl
; APPLICANT: Michael J. Meeachern
; APPLICANT: Jerry Shay
; APPLICANT: Woodring B. Wright
; APPLICANT: Elizabeth H. Blackburn
; APPLICANT: Nam Woo Kim
; APPLICANT: Homayoun Vaziri
; TITLE OF INVENTION: THERAPY AND DIAGNOSIS OF
; TITLE OF INVENTION: CONDITIONS RELATED TO
; TITLE OF INVENTION: TELOMERE LENGTH AND/OR
; TITLE OF INVENTION: TELOMERASE ACTIVITY
; NUMBER OF SEQUENCES: 80
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/819,867
; FILING DATE: March 14, 1997
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/153,051
; FILING DATE: No. 6007989ember 12, 1993
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Chambers, Daniel M.
; REGISTRATION NUMBER: 34,561
; REFERENCE/DOCKET NUMBER: 224/232
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 68:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
US-08-819-867-68
Query Match 0.5%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 2.1e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1248 CGACCCCATCCCAA 1262
Db 15 CAACCCCAACCCCAA 1

RESULT 326
US-09-064-156A-109/c
; Sequence 109, Application US/09064156A
; Patent No. 6132966
```


FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/292,620
FILING DATE: August 17, 1994
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/149
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 443:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

US-09-071-845-443

Query Match 0.58; Score 11.8; DB 1; Length 15;
Best Local Similarity 60.08; Fred. No. 2.1e-02;
Matches 9; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 1170 CAACTTTCGGCTCC 1184
|||||:|:|:|:|
DB 1 CAACUUUCAGUCC 15

RESULT 329
US-09-038-073-2081
Sequence 2081, Application US/09038073
Patent No. 6194150
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Daniel T.
APPLICANT: Jarvis, Thale
APPLICANT: McSwiggen, James
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
INDUCTION OF GRAFT TOLERANCE
TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
NUMBER OF SEQUENCES: 2751
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/038,073
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/585,684
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/078
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440

```

;
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/464,011B
; FILING DATE: 05-Jun-1995
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/882,438
; FILING DATE: May 13, 1992
; APPLICATION NUMBER: 08/038,766
; FILING DATE: March 24, 1993
; APPLICATION NUMBER: 08/060,952
; FILING DATE: May 13, 1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 202/045
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 58:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 58:
US-08-464-011B-58

Query Match 0.5%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 2.1e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1248 CGACCCCATCCCCAA 1262
DB 15 CAACCCCAACCCCAA 1

RESULT 332
US-09-474-432B-128/c
; Sequence 128, Application US/09474432B
; Patent No. 6528640
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Burgin, Alex
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpelsky, Alex
; APPLICANT: Adamic, Jasenka
; APPLICANT: Sweedler, David
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleot
; FILE REFERENCE: MBH00-831-B (247/276)
; CURRENT APPLICATION NUMBER: US/09/474,432B
; CURRENT FILING DATE: 1999-12-19
; PRIOR APPLICATION NUMBER: US 60/064,866
; PRIOR FILING DATE: 1997-11-05
; PRIOR APPLICATION NUMBER: US 60/084,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: US 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: US 09/301,511
; PRIOR FILING DATE: 1999-04-28
; NUMBER OF SEQ ID NOS: 1526
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 128
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-474-432B-128

```

```

Query Match 0.5%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 2.1e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1110 CAGTCCCGTGCCCGAG 1124
DB 15 CAGTCCACTGCCCGAG 1

RESULT 333
US-09-378-535-68/c
; Sequence 68, Application US/09378535
; Patent No. 6551774
; GENERAL INFORMATION:
; APPLICANT: Michael D. West
; Calvin B. Harley
; Scott L. Weinrich
; Catherine M. Strahl
; Michael J. Mceachern
; Jerry Shay
; Woodring E. Wright
; Elizabeth H. Blackburn
; Nam Woo Kim
; Homayoun Vaziri
; TITLE OF INVENTION: THERAPY AND DIAGNOSIS OF
; CONDITIONS RELATED TO
; TELOMERE LENGTH AND/OR
; TELOMERASE ACTIVITY
; NUMBER OF SEQUENCES: 80
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/378,535
; FILING DATE: 20-Aug-1999
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/819,867
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Chambers, Daniel M.
; REGISTRATION NUMBER: 34,561
; REFERENCE/DOCKET NUMBER: 224/232
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 68:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 68:
US-09-378-535-68

Query Match 0.5%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 2.1e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1248 CGACCCCATCCCCAA 1262

```

Db 15 CAACCCCAACCCCA 1

RESULT 334

US-09-476-387-128/c

Sequence 128, Application US/09476387

Patent No. 6617438

GENERAL INFORMATION:

APPLICANT: Ribozyme Pharmaceuticals, Inc.

APPLICANT: Beigelman, Leo

APPLICANT: Beaudry, Amber

APPLICANT: Karpeisky, Alex

APPLICANT: Adamic, Jasenka Matulic

APPLICANT: Sweedler, Dave

APPLICANT: Zinnen, Shawn

TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleotides

FILE REFERENCE: MEHB00-831-C (249/073)

CURRENT APPLICATION NUMBER: US/09/476,387

CURRENT FILING DATE: 2001-04-04

PRIOR APPLICATION NUMBER: 09/474,432

PRIOR FILING DATE: 1999-12-29

PRIOR APPLICATION NUMBER: 09/301,511

PRIOR FILING DATE: 1999-04-28

PRIOR APPLICATION NUMBER: 09/186,675

PRIOR FILING DATE: 1998-11-04

PRIOR APPLICATION NUMBER: 60/083,727

PRIOR FILING DATE: 1998-04-29

PRIOR APPLICATION NUMBER: 60/064,866

PRIOR FILING DATE: 1997-11-05

NUMBER OF SEQ ID NOS: 1524

SOFTWARE: PatentIn version 3.0

SEQ ID NO 128

LENGTH: 15

TYPE: RNA

ORGANISM: Homo sapiens

US-09-476-387-128

Query Match 0.5%; Score 11.8; DB 1; Length 15;

Best Local Similarity 86.7%; Pred. No. 2.1e+02;

Matches 13, Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1110 CAGTCCCGTCCCGAG 1124

Db 15 CAGTCCACTGCCAG 1

RESULT 335

US-09-180-437-117/c

Sequence 117, Application US/09180437

Patent No. 6251873

GENERAL INFORMATION:

APPLICANT: FUKUSAKO, Shioji

APPLICANT: MORISAWA, Yoshifumi

APPLICANT: KUSUYAMA, Takeshi

TITLE OF INVENTION: Antisense Compounds to CD14

FILE REFERENCE: 1110-209P

CURRENT APPLICATION NUMBER: US/09/180,437

CURRENT FILING DATE: 1998-11-06

EARLIER APPLICATION NUMBER: PCT/JP98/00953

EARLIER FILING DATE: 1998-03-09

EARLIER APPLICATION NUMBER: 09-053518 JAPAN

EARLIER FILING DATE: 1997-03-07

NUMBER OF SEQ ID NOS: 289

SOFTWARE: PatentIn Ver. 2.0

SEQ ID NO 117

LENGTH: 15

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Description of Artificial Sequence: other nucleic acid

US-09-180-437-117

```
; REFERENCE/DOCKET NUMBER: VMRC-1-9714
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 743-4387
; TELEFAX: (206) 224 0779
; INFORMATION FOR SEQ ID NO: 174:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; ORGANISM: Homo sapiens
;
US-08-753-147-174
Query Match 0.5%; Score 11.8; DB 1; Length 16;
Best Local Similarity 86.7%; Pred. No. 2.5e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 802 AGTAACGTGTAGAAA 816
DB 15 ATTAGCTGTAGAAA 1

RESULT 338
US-09-050-159-9
; Sequence 9, Application US/09050159A
; Patent No. 6197505
; GENERAL INFORMATION:
; APPLICANT: No. 6197505berg, Leif T
; APPLICANT: Andersson, Maria K
; APPLICANT: Linstrom, Per H
; TITLE OF INVENTION: METHODS FOR ASSESSING CARDIOVASCULAR STATUS AND
; TITLE OF INVENTION: COMPOSITIONS FOR USE THEREOF
; FILE REFERENCE: 1248/1D042
; CURRENT APPLICATION NUMBER: US/09/050.159A
; CURRENT FILING DATE: 1998-03-27
; EARLIER APPLICATION NUMBER: 60/042.930
; EARLIER FILING DATE: 1987-04-03
; NUMBER OF SEQ ID NOS: 133
; SOFTWARE: Patent In Ver. 2.1
; SEQ ID NO 9
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: PCR PRIMER
US-09-050-159-9
Query Match 0.5%; Score 11.8; DB 1; Length 16;
Best Local Similarity 86.7%; Pred. No. 2.5e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1237 GCCCTCGCCTCCGAC 1251
DB 1 GCCCTCGCCTCTCAC 15

RESULT 339
US-09-479-005A-303
; Sequence 303, Application US/09479005A
; Patent No. 6656731
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Nucleic Acid Catalysts with Endonuclease Activity
; FILE REFERENCE: MBH00-884-C
; CURRENT APPLICATION NUMBER: US/09/479,005A
; CURRENT FILING DATE: 2000-01-07
; PRIOR APPLICATION NUMBER: US 09/444,209
; PRIOR FILING DATE: 1999-11-19
; PRIOR APPLICATION NUMBER: US 09/159,274
```

```
; PRIOR FILING DATE: 1998-09-22
; PRIOR APPLICATION NUMBER: US 60/059,473
; NUMBER OF SEQ ID NOS: 1208
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 303
; LENGTH: 16
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-479-005A-303
Query Match 0.5%; Score 11.8; DB 1; Length 16;
Best Local Similarity 40.0%; Pred. No. 2.5e+02;
Matches 6; Conservative 7; Mismatches 2; Indels 0; Gaps 0;

QY 937 CTCCTCATTTGGTTTA 951
DB 2 CACUUCAUUUUUUA 16

RESULT 340
PCT-US91-03680-98
; Sequence 98, Application PC/TUS9103680
; GENERAL INFORMATION:
; APPLICANT: Matteucci, Mark D.
; APPLICANT: Krawczyk, Steven
; TITLE OF INVENTION: SEQUENCE-SPECIFIC NONPHOTOACTIVATED
; TITLE OF INVENTION: CROSSLINKING AGENTS WHICH BIND TO THE MAJOR GROOVE OF
; NUMBER OF SEQUENCES: 158
; CORRESPONDENCE ADDRESS:
; ADDRESSES: Morrison & Foerster
; STREET: 545 Middlefield Road, Suite 200
; CITY: Menlo Park
; STATE: California
; COUNTRY: USA
; ZIP: 94025
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US91/03680
; FILING DATE: 19910524
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Murashige, Kate H.
; REGISTRATION NUMBER: 29,959
; REFERENCE/DOCKET NUMBER: 4610-0011.40
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-327-7250
; TELEFAX: 415-327-2951
; TELEX: 706141
; INFORMATION FOR SEQ ID NO: 98:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 3
; OTHER INFORMATION: /mod_base= OTHER
; OTHER INFORMATION:
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 8..9
; OTHER INFORMATION: /mod_base= OTHER
; OTHER INFORMATION:
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 14
```

```
/ OTHER INFORMATION: /mod_base= OTHER
/ OTHER INFORMATION:
/ FEATURE:
/ NAME/KEY: modified_base
/ LOCATION: 16
/ OTHER INFORMATION: /mod_base= OTHER
/ OTHER INFORMATION: /note= "T-T, linking group o-xylene (nucleotides
/ OTHER INFORMATION: that have xylose sugar linked via the o-xylene
/ OTHER INFORMATION: ring)"
PCT-US91-03680-98
```

```
Query Match 0.5%; Score 11.8; DB 1; Length 16;
Best Local Similarity 66.7%; Pred. No. 2.5e+02;
Matches 10; Conservative 4; Mismatches 1; Indels 0; Gaps 0;
```

```
QY 918 TCTTGCCTTTATC 932
      ||| :|||:
Db 2 TWTMTMTTMTTC 16
```

```
RESULT 341
US-09-866-108A-8355
; Sequence 8355, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yongsang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8355
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8355
```

```
Query Match 0.5%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 3e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY 1713 GCAAGCAGGAGCTAG 1727
      |||||:|||||
Db 1 GCAAGGAGGAGCTGG 15
```

```
RESULT 342
US-09-236-097-9
; Sequence 9, Application US/09236097
; Patent No. 6335165
; GENERAL INFORMATION:
; APPLICANT: NIR NAVOT ET AL
; TITLE OF INVENTION: METHODS AND KITS FOR CHARACTERIZING GC
; TITLE OF INVENTION: -RICH NUCLEIC ACID SEQUENCES
; NUMBER OF SEQUENCES: 13
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Mark M. Friedman c/o Anthony Castorina
; STREET: 20001 Jefferson Davis Highway, Suite 207
; CITY: Arlington
; STATE: Virginia
; COUNTRY: United States of America
; ZIP: 22202
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 1.44 megabyte, 3.5" microdisk
; COMPUTER: Twinhead* Slimnote-890TX
; OPERATING SYSTEM: MS DOS version 6.2,
; OPERATING SYSTEM: Windows version 3.11
; SOFTWARE: Word for Windows version 2.0 converted to
; SOFTWARE: an ASCII file
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/236,097
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Friedman, Mark M.
; REGISTRATION NUMBER: 33,883
; REFERENCE/DOCKET NUMBER: 128/33
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 972-3-562553
; TELEFAX: 972-3-562554
; TELEX:
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-236-097-9
```

```
Query Match 0.5%; Score 11.6; DB 1; Length 18;
Best Local Similarity 77.8%; Pred. No. 3.9e+02;
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
QY 293 TGGTGCTCTCGAGCTGT 310
      |||||:|||||
Db 1 TGGTGGTGTGAGGTGT 18
```

```
RESULT 343
US-08-804-166-19
; Sequence 19, Application US/08804166
; Patent No. 6193972
; GENERAL INFORMATION:
; APPLICANT: Campbell, Robert K.
; APPLICANT: Jameson, Bradford A.
; APPLICANT: Chappel, Scott C.
; TITLE OF INVENTION: HYBRID PROTEINS
; NUMBER OF SEQUENCES: 22
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BROWDY AND NEIMARK
; STREET: 419 Seventh Street N.W., Ste. 300
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
```

```

/ REGISTRATION NUMBER: 37,971
/ REFERENCE/DOCKET NUMBER: CAMPBELL=2B
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (202) 628-5197
/ TELEFAX: (202) 737-3528
/ INFORMATION FOR SEQ ID NO: 19:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 21 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: cdna
US-08-910-991-19

Query Match 0.5%; Score 11.6; DB 1; Length 21;
Best Local Similarity 77.8%; Pred. No. 5.6e+02;
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 35 TGGAGCCTCAGTCCAGAG 52
Db 3 TGGTGCCTGAGTCTTCAG 20

RESULT 345
US-09-756-186-19
/ Sequence 19, Application US/09756186
/ Patent No. 6663867
/ GENERAL INFORMATION:
/ APPLICANT: Campbell, Robert K.
/ APPLICANT: Jameson, Bradford A.
/ APPLICANT: Chappel, Scott C.
/ TITLE OF INVENTION: HYBRID PROTEINS
/ NUMBER OF SEQUENCES: 22
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: BROWDY AND NEIMARK
/ STREET: 419 Seventh Street N.W., Ste. 300
/ CITY: Washington
/ STATE: D.C.
/ COUNTRY: USA
/ ZIP: 22207
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM Pc compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: Patent In Release #1.0, Version #1.30
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/756,186
/ FILING DATE:
/ CLASSIFICATION:
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 08/804,166
/ FILING DATE:
/ CLASSIFICATION:
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Browdy, Roger L.
/ REGISTRATION NUMBER: 25,618
/ REFERENCE/DOCKET NUMBER: CAMPBELL=2A
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (202) 628-5197
/ TELEFAX: (202) 737-3528
/ INFORMATION FOR SEQ ID NO: 19:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 21 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: cdna
US-09-756-186-19

Query Match 0.5%; Score 11.6; DB 1; Length 21;
Best Local Similarity 77.8%; Pred. No. 5.6e+02;
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

```


QY 35 TGGAGCCTCAGTCCAGAG 52
|||||
Db 3 TGGTGCCTGAGTCTTCAG 20

RESULT 346

US-08-529-190B-10/c
; Sequence 10, Application US/08529190B
; Patent No. 5833991
; GENERAL INFORMATION:
; APPLICANT: Masucci, Maria G.
; TITLE OF INVENTION: GLYCINE-CONTAINING SEQUENCES
; TITLE OF INVENTION: CONFERRING INVISIBILITY TO THE IMMUNE SYSTEM
; NUMBER OF SEQUENCES: 76
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Banner & Witcoff, Ltd.
; STREET: One Financial Center
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: Wordperfect 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/529,190B
; FILING DATE: 15-SEP-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: S89501324-9
; FILING DATE: 10-APR-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US08/522,595
; FILING DATE: 01-SEP-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Williams, Ph.D., Kathleen A
; REGISTRATION NUMBER: 34,380
; REFERENCE/DOCKET NUMBER: 3255/53015
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-345-9100
; TELEFAX: 617-345-9111
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24 bases
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-529-190B-10

Query Match 0.5%; Score 11.6; DB 1; Length 24;
Best Local Similarity 77.8%; Pred. No. 6.9e+02;
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 301 CTGGAGCTGTGTGGGA 318
|||||
Db 18 CTGGAGTGGGTGGAA 1

RESULT 347

US-08-233-030-7/c
; Sequence 7, Application US/08233030
; Patent No. 5639655
; GENERAL INFORMATION:
; APPLICANT: James D. Thompson
; APPLICANT: Kenneth G. Draper
; TITLE OF INVENTION: METHOD AND REAGENT FOR
; TITLE OF INVENTION: TREATMENT OF PROMYELOCYTIC
; TITLE OF INVENTION: LEUKEMIA
; NUMBER OF SEQUENCES: 62
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon

STREET: 611 West Sixth Street
CITY: Los Angeles
STATE: California
COUNTRY: USA
ZIP: 90017
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM MS-DOS (Version 5.0)
; SOFTWARE: Wordperfect (Version 5.1)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/233,030
; FILING DATE:
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/008,910
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 197/240
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 13
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-233-030-7

Query Match 0.5%; Score 11.4; DB 1; Length 13;
Best Local Similarity 92.3%; Pred. No. 1.7e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 355 CTAGGGGACAGG 367
|||||
Db 13 CTAGGGGCCAGG 1

RESULT 348

US-08-237-233-1/c
; Sequence 1, Application US/08237233
; Patent No. 5414077
; GENERAL INFORMATION:
; APPLICANT: LIN, KUEI-YING
; APPLICANT: MATTEUCCI, MARK
; TITLE OF INVENTION: PSEUDONUCLEOSIDES AND
; TITLE OF INVENTION: PSEUDONUCLEOTIDES AND THEIR POLYMERS
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: IRELL & MANELLA
; STREET: 545 MIDDLEFIELD ROAD, SUITE 200
; CITY: MENLO PARK
; STATE: CA
; COUNTRY: USA
; ZIP: 94025
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/237,233
; FILING DATE:
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/594147
; FILING DATE: 09-OCT-1990
; ATTORNEY/AGENT INFORMATION:
; NAME: MURASHIGE, KATE H.

REGISTRATION NUMBER: 29959
REFERENCE/DOCKET NUMBER: 4610-0006.20
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-327-7250
TELEFAX: 415-327-2951
TELEX: 706141
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 14 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-237-233-1

Query Match 0.5%; Score 11.4; DB 1; Length 14;
Best Local Similarity 92.3%; Pred. No. 2.2e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1015 GAAAAAGAGGGG 1027
Db 13 GAAAAAGAGAGGG 1

RESULT 349
US-08-237-233-6/c
Sequence 6, Application US/08237233
Patent No. 5414077
GENERAL INFORMATION:
APPLICANT: LIN, KUBI-YING
TITLE OF INVENTION: PSEUDONUCLEOSIDES AND THEIR POLYMERS
NUMBER OF SEQUENCES: 6
CORRESPONDENCE ADDRESS:
ADDRESSEE: IRELL & MANELLA
STREET: 545 MIDDLEFIELD ROAD, SUITE 200
CITY: MENLO PARK
STATE: CA
COUNTRY: USA
ZIP: 94025
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/237,233
FILING DATE:
CLASSIFICATION: 536
PRIOR APPLICATION NUMBER: US 07/594147
FILING DATE: 09-OCT-1990
ATTORNEY/AGENT INFORMATION:
NAME: MURASHIGE, KATE H.
REGISTRATION NUMBER: 29959
REFERENCE/DOCKET NUMBER: 4610-0006.20
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-327-7250
TELEFAX: 415-327-2951
TELEX: 706141
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 14 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-237-233-6

Query Match 0.5%; Score 11.4; DB 1; Length 14;
Best Local Similarity 92.3%; Pred. No. 2.2e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1015 GAAAAAGAGGGG 1027

Db 13 GAAAAAGAGGG 1

RESULT 350
US-08-442-513A-15
Sequence 15, Application US/08442513A
Patent No. 5646031
GENERAL INFORMATION:
APPLICANT: DeYoung, Mary Beth
APPLICANT: Siwkowski, Andrew M.
APPLICANT: Hampel, Arnold E.
TITLE OF INVENTION: METHOD FOR DERIVING RIBOZYMES FROM
NUCLEOTIDE SEQUENCES AND RIBOZYMES DERIVED THEREOF
NUMBER OF SEQUENCES: 19
CORRESPONDENCE ADDRESS:
ADDRESSEE: Kohn & Associates
STREET: 30500 No. 5646031thwestern Hwy., Suite 410
CITY: Farmington Hills
STATE: Michigan
COUNTRY: US
ZIP: 48334
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/442,513A
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Kohn, Kenneth I.
REGISTRATION NUMBER: 30,995
REFERENCE/DOCKET NUMBER: 2384,00014
TELECOMMUNICATION INFORMATION:
TELEPHONE: (810) 539-5050
TELEFAX: (810) 539-5055
INFORMATION FOR SEQ ID NO: 15:
SEQUENCE CHARACTERISTICS:
LENGTH: 14 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "Ribozyme substrate"
US-08-442-513A-15

Query Match 0.5%; Score 11.4; DB 1; Length 14;
Best Local Similarity 61.5%; Pred. No. 2.2e+02;
Matches 8; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 884 CCACAGTGTCTTT 896
Db 1 CCGCAGUCUGUU 13

RESULT 351
US-08-683-839B-15/c
Sequence 15, Application US/08683839B
Patent No. 574326
GENERAL INFORMATION:
APPLICANT: Ili, Charles . R. et al.
TITLE OF INVENTION: Use of Viral Cis-Acting Post-Transcriptional
Regulatory Sequences To Increase Expression of
Intronless Genes Containing Near-Consensus Splice Sites
NUMBER OF SEQUENCES: 18
CORRESPONDENCE ADDRESS:
ADDRESSEE: LAHIVE & COCKFIELD
STREET: 60 State Street, suite 510
CITY: Boston
STATE: Massachusetts
COUNTRY: USA

```
/
/
/ ZIP: 02109-1875
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: Patent in Release #1.0, Version #1.25
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/683,839B
/ FILING DATE: 11-MARCH-1996
/ CLASSIFICATION: 435
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER:
/ FILING DATE:
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Remillard, Jane E.
/ REGISTRATION NUMBER: 38,872
/ REFERENCE/DOCKET NUMBER: TTI-138
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (617)227-7400
/ TELEFAX: (617)227-5941
/ INFORMATION FOR SEQ ID NO: 15:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 14 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: cDNA
/ US-08-683-839B-15

Query Match 0.5%; Score 11.4; DB 1; Length 14;
Best Local Similarity 92.3%; Pred. No. 2.2e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1013 CTGAAAAGAGGG 1025
Db 13 CTGAAAAGAGAG 1

RESULT 352
US-08-403-888A-40/c
; Sequence 40, Application US/08403888A
; Patent No. 5952490
; GENERAL INFORMATION:
; APPLICANT: Hanecak et al.
; TITLE OF INVENTION: Oligonucleotides Having A Conserved G4 Core
; NUMBER OF SEQUENCES: 146
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5952490ris LLP
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: U.S.A.
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WordPerfect 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/403,888A
; FILING DATE: 12-JUN-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/954,185
; FILING DATE: 29-SEP-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Paul K. Legard
; REGISTRATION NUMBER: 38,534
; REFERENCE/DOCKET NUMBER: ISIS-1229
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-568-3100
; TELEFAX: 215-568-3439
; INFORMATION FOR SEQ ID NO: 56:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
/ US-08-403-888A-56

Query Match 0.5%; Score 11.4; DB 1; Length 14;
Best Local Similarity 92.3%; Pred. No. 2.2e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1250 ACCCCATCCCCAA 1262
Db 13 ACCCCATCCCCAA 1

RESULT 354
US-08-403-888A-115/c
; Sequence 115, Application US/08403888A
; Patent No. 5952490
```

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; GENERAL INFORMATION:
; APPLICANT: Hanecek et al.
; TITLE OF INVENTION: Oligonucleotides Having A Conserved G4 Core
; TITLE OF INVENTION: Sequence
; NUMBER OF SEQUENCES: 146
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5952490ris LLP
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: U.S.A.
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WordPerfect 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/403,888A
; FILING DATE: 12-JUN-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/954,185
; FILING DATE: 29-SEP-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Paul K. Legaard
; REGISTRATION NUMBER: 38,534
; REFERENCE/DOCKET NUMBER: ISIS-1229
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-568-3100
; TELEFAX: 215-568-3439
; INFORMATION FOR SEQ ID NO: 115:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-403-888A-115

Query Match 0.5%; Score 11.4; DB 1; Length 14;
Best Local Similarity 92.3%; Pred. No. 2.2e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1250 ACCCATCCCCAA 1262
DB 13 ACCCATCCCCAA 1

RESULT 355
US-08-535-249-102/c
; Sequence 102, Application US/08535249
; Patent No. 645589
; GENERAL INFORMATION:
; APPLICANT: Schlengersiepen, Georg-Ferdinand
; APPLICANT: Brysch, Wolfgang
; APPLICANT: Schlengersiepen, Karl-Hermann
; APPLICANT: Schlengersiepen, Reimar
; APPLICANT: Bogdahn, Ulrich
; TITLE OF INVENTION: Antisense-oligonucleotides for the treatment of
; NUMBER OF SEQUENCES: 137
; TITLE OF INVENTION: immuno-suppressive effect of transforming-growth-factor beta
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Jacobson, Price, Holman & Stern
; STREET: 400 Seventh St. N.W.
; CITY: Washington D.C
; COUNTRY: U.S.A.
; ZIP: 20004
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/535,249
; FILING DATE:
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP 93 107 089.0
; FILING DATE: 30-APR-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP 93 107 849.7
; FILING DATE: 13-MAY-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Player, William E.
; REGISTRATION NUMBER: 31,409
; REFERENCE/DOCKET NUMBER: 10577/P58418
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 638-6666
; TELEFAX: (202) 393-5350
; TELEX: RCA 248593 IDEA UR
; INFORMATION FOR SEQ ID NO: 102:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: unknown
; TOPOLOGY: DNA (genomic)
; MOLECULE TYPE: YES
; ANTI-SENSE: YES
; US-08-535-249-102

Query Match 0.5%; Score 11.4; DB 1; Length 14;
Best Local Similarity 92.3%; Pred. No. 2.2e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1143 CTCGACCTATACC 1155
DB 13 CTCGACATATACC 1

RESULT 356
5214136-8/c
; Patent No. 5214136
; APPLICANT: LIN, KUEI-YING;MATTEUCCI, MARK
; TITLE OF INVENTION: ANTHRAQUINONE-DERIVATIVES
; OLIGONUCLEOTIDES
; NUMBER OF SEQUENCES: 18
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/482,941
; FILING DATE: 20-FEB-1990
; SEQ ID NO: 8
; LENGTH: 14
; 5214136-8

Query Match 0.5%; Score 11.4; DB 1; Length 14;
Best Local Similarity 92.3%; Pred. No. 2.2e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1015 GAAAAGAGGGGG 1027
DB 13 GAAAAGAGAGGGG 1

RESULT 357
5214136-11/c
; Patent No. 5214136
; APPLICANT: LIN, KUEI-YING;MATTEUCCI, MARK
; TITLE OF INVENTION: ANTHRAQUINONE-DERIVATIVES
; OLIGONUCLEOTIDES
; NUMBER OF SEQUENCES: 18
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/482,941
; FILING DATE: 20-FEB-1990
; SEQ ID NO: 11
; LENGTH: 14
; 5214136-11
```

Query Match 0.5%; Score 11.4; DB 1; Length 14;
Best Local Similarity 92.3%; Pred. No. 2.2e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1015 GAAAAAGAGGGG 1027
| | | | | | | | | | | | | |
Db 13 GAAAAAGAGAGGG 1

RESULT 358
5214136-16/c
; Patent No. 5214136
; APPLICANT: LIN, KURI-YING; MATTEUCCI, MARK
; TITLE OF INVENTION: ANTHRAQUINONE-DERIVATIVES
; OLIGONUCLEOTIDES
; NUMBER OF SEQUENCES: 18
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/482,941
; FILING DATE: 20-FEB-1990
; SEQ ID NO:16:
; LENGTH: 14
5214136-16

Query Match 0.5%; Score 11.4; DB 1; Length 14;
Best Local Similarity 92.3%; Pred. No. 2.2e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1015 GAAAAAGAGGGG 1027
| | | | | | | | | | | | | |
Db 13 GAAAAAGAGAGGG 1

RESULT 359
5486603-1/c
; Patent No. 5486603
; APPLICANT: BUHR, CHRIS A.
; TITLE OF INVENTION: OLIGONUCLEOTIDE HAVING ENHANCED BINDING
; AFFINITY
; NUMBER OF SEQUENCES: 2
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/902,538
; FILING DATE: 22-JUN-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 461,884
; FILING DATE: 08-JAN-1990
; SEQ ID NO:1:
; LENGTH: 14
5486603-1

Query Match 0.5%; Score 11.4; DB 1; Length 14;
Best Local Similarity 92.3%; Pred. No. 2.2e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1017 AAAAGAGGGGAG 1029
| | | | | | | | | | | | | |
Db 14 AAAAGAGAGGGAG 2

RESULT 360
5486603-2
; Patent No. 5486603
; APPLICANT: BUHR, CHRIS A.
; TITLE OF INVENTION: OLIGONUCLEOTIDE HAVING ENHANCED BINDING
; AFFINITY
; NUMBER OF SEQUENCES: 2
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/902,538
; FILING DATE: 22-JUN-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 461,884
; FILING DATE: 08-JAN-1990
; SEQ ID NO:2:
; LENGTH: 14

5486603-2

Query Match 0.5%; Score 11.4; DB 1; Length 14;
Best Local Similarity 92.3%; Pred. No. 2.2e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1017 AAAAGAGGGGAG 1029
| | | | | | | | | | | | | |
Db 1 AAAAGAGAGGGAG 13

RESULT 361
US-08-140-797-3/c
; Sequence 3, Application US/08140797
; Patent No. 5578714
; GENERAL INFORMATION:
; APPLICANT: POGO, Angel Oscar; Chaudhuri, Asok
; TITLE OF INVENTION: THE CLONING OF DUFFY BLOOD GROUP ANTIGEN
; NUMBER OF SEQUENCES: 16
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Sprung Horn Kramer & Woods
; STREET: 660 White Plains Road
; CITY: Tarrytown
; STATE: New York
; COUNTRY: USA
; ZIP: 10591-5144
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch, 800 kb storage
; COMPUTER: Apple Macintosh
; OPERATING SYSTEM: System 7.0
; SOFTWARE: WordPerfect
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/140,797
; FILING DATE: October 21, 1993
; CLASSIFICATION: 424
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Kurt G. Briscoe
; REGISTRATION NUMBER: 33,141
; REFERENCE/DOCKET NUMBER: NYBC 265-KGB
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (914) 332-1700
; TELEFAX: (914) 332-1844
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 nucleotides
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-140-797-3

Query Match 0.5%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 2.6e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 882 CACCACAGTGTG 894
| | | | | | | | | | | | | |
Db 15 CACCACATGTG 3

RESULT 362
US-08-311-760A-77
; Sequence 77, Application US/08311760A
; Patent No. 559706
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: McSwiggen, James
; APPLICANT: Newton, Roger S.
; APPLICANT: Ramharack, Randy
; TITLE OF INVENTION: RIBOZYME TREATMENT OF DISEASES
; TITLE OF INVENTION: OR CONDITIONS RELATED TO LEVELS OF

```
/ ; TITLE OF INVENTION: PLASMA LIPOPROTEIN (a) [LP(a)] BY
/ ; TITLE OF INVENTION: INHIBITING APOLIPOPROTEIN
/ ; NUMBER OF SEQUENCES: 392
/ ; CORRESPONDENCE ADDRESS:
/ ; ADDRESSEE: Lyon & Lyon
/ ; STREET: 633 West Fifth Street
/ ; CITY: Suite 4700
/ ; STATE: Los Angeles
/ ; COUNTRY: U.S.A.
/ ; ZIP: 90071
/ ; COMPUTER READABLE FORM:
/ ; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
/ ; MEDIUM TYPE: storage
/ ; COMPUTER: IBM Compatible
/ ; OPERATING SYSTEM: IBM P.C. DOS 5.0
/ ; SOFTWARE: FastSEQ Version 1.5
/ ; CURRENT APPLICATION DATA:
/ ; APPLICATION NUMBER: US/08/311.760A
/ ; FILING DATE: September 23, 1994
/ ; PRIOR APPLICATION DATA:
/ ; APPLICATION NUMBER:
/ ; FILING DATE:
/ ; ATTORNEY/AGENT INFORMATION:
/ ; NAME: Warburg, Richard
/ ; REGISTRATION NUMBER: 32,327
/ ; REFERENCE/DOCKET NUMBER: 208/155
/ ; TELECOMMUNICATION INFORMATION:
/ ; TELEPHONE: (213) 489-1600
/ ; TELEFAX: (213) 955-0440
/ ; TELEX: 67-3510
/ ; INFORMATION FOR SEQ ID NO: 77:
/ ; SEQUENCE CHARACTERISTICS:
/ ; LENGTH: 15 base pairs
/ ; TYPE: nucleic acid
/ ; STRANDEDNESS: single
/ ; TOPOLOGY: linear
/ ; US-08-311-760A-77

Query Match 0.5%; Score 11.4; DB 1; Length 15;
Best Local Similarity 46.2%; Pred. No. 2.6e+02;
Matches 6; Conservative 6; Mismatches 1; Indels 0; Gaps 0;

QY 933 CCTCTCTTCATT 945
Db 2 CAUCCUCUUAU 14

RESULT 363
US-08-311-760A-78
; Sequence 78, Application US/08311760A
; Patent No. 5599706
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: McSwiggen, James
; APPLICANT: Newton, Roger S.
; APPLICANT: Ramharack, Randy
; TITLE OF INVENTION: RIBOZYME TREATMENT OF DISEASES
; TITLE OF INVENTION: OR CONDITIONS RELATED TO LEVELS OF
; TITLE OF INVENTION: PLASMA LIPOPROTEIN (a) [LP(a)] BY
; TITLE OF INVENTION: INHIBITING APOLIPOPROTEIN
; TITLE OF INVENTION:
; NUMBER OF SEQUENCES: 392
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; STATE: Los Angeles
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
```

```
/ ; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
/ ; MEDIUM TYPE: storage
/ ; COMPUTER: IBM Compatible
/ ; OPERATING SYSTEM: IBM P.C. DOS 5.0
/ ; SOFTWARE: FastSEQ Version 1.5
/ ; CURRENT APPLICATION DATA:
/ ; APPLICATION NUMBER: US/08/311.760A
/ ; FILING DATE: September 23, 1994
/ ; PRIOR APPLICATION DATA:
/ ; APPLICATION NUMBER:
/ ; FILING DATE:
/ ; ATTORNEY/AGENT INFORMATION:
/ ; NAME: Warburg, Richard
/ ; REGISTRATION NUMBER: 32,327
/ ; REFERENCE/DOCKET NUMBER: 208/155
/ ; TELECOMMUNICATION INFORMATION:
/ ; TELEPHONE: (213) 489-1600
/ ; TELEFAX: (213) 955-0440
/ ; TELEX: 67-3510
/ ; INFORMATION FOR SEQ ID NO: 78:
/ ; SEQUENCE CHARACTERISTICS:
/ ; LENGTH: 15 base pairs
/ ; TYPE: nucleic acid
/ ; STRANDEDNESS: single
/ ; TOPOLOGY: linear
/ ; US-08-311-760A-78

Query Match 0.5%; Score 11.4; DB 1; Length 15;
Best Local Similarity 46.2%; Pred. No. 2.6e+02;
Matches 6; Conservative 6; Mismatches 1; Indels 0; Gaps 0;

QY 935 TCCTCTTCATTGG 947
Db 2 UCCUCUCUAUUG 14

RESULT 364
US-08-291-932A-224
; Sequence 224, Application US/08291932A
; Patent No. 5658780
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth G.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: NF-KB
; NUMBER OF SEQUENCES: 830
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; STATE: Los Angeles
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/291.932A
; FILING DATE: August 15, 1994
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; PRIOR APPLICATION DATA: including application
; PRIOR APPLICATION DATA: described below:
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 07/987,132

Two
```

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; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 208/157
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 224:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
US-08-291-932A-224
Query Match 0.5%; Score 11.4; DB 1; Length 15;
Best Local Similarity 76.9%; Pred. No. 2.6e+02;
Matches 10; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 1027 GAGCTTGAAGGAA 1039
|||||:|||||
Db 3 GAGCUUGUAGGAA 15

RESULT 365
US-08-486-670A-3/c
; Sequence 3, Application US/08486670A
; Patent No. 5683696
; GENERAL INFORMATION:
; APPLICANT: POSO, Angel Oscar; Chaudhuri, Asok
; TITLE OF INVENTION: THE CLONING OF DUFFY BLOOD GROUP ANTIGEN
; NUMBER OF SEQUENCES: 16
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Sprung Horn Kramer & Woods
; STREET: 660 White Plains Road
; CITY: Tarrytown
; STATE: New York
; COUNTRY: USA
; ZIP: 10591-5144
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch, 800 kb storage
; COMPUTER: Apple Macintosh
; OPERATING SYSTEM: System 7.0
; SOFTWARE: Wordperfect
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/486,670A
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 424
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/140,797
; FILING DATE: October 21, 1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Kurt G. Briscoe
; REGISTRATION NUMBER: 33,141
; REFERENCE/DOCKET NUMBER: NYBC 265-KGB
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (914) 332-1700
; TELEFAX: (914) 332-1844
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 nucleotides
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
US-08-486-670A-3
Query Match 0.5%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 2.6e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 882 CACCACAGTGCTG 894
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Db 15 CACCACATGCTG 3
|||||:|||||

RESULT 366
US-08-363-240A-559/c
; Sequence 559, Application US/08363240A
; Patent No. 5705388
; GENERAL INFORMATION:
; APPLICANT: Couture, Larry
; APPLICANT: McSwiggen, James
; APPLICANT: Bisgaier, Charles
; APPLICANT: Pape, Michael
; TITLE OF INVENTION: METHOD AND REAGENT FOR
; TITLE OF INVENTION: PREVENTION, INHIBITION OF
; TITLE OF INVENTION: PROGRESSION AND REGRESSION
; TITLE OF INVENTION: OF VASCULAR DISEASES
; NUMBER OF SEQUENCES: 1243
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/363,240A
; FILING DATE: December 23, 1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 210/096
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 559:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
US-08-363-240A-559
Query Match 0.5%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 2.6e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1255 ATCCCCACCCCC 1267
|||||:|||||
Db 14 ATGCCCAACCCCC 2

RESULT 367
US-08-591-989-7
; Sequence 7, Application US/08591989
; Patent No. 5795721
; GENERAL INFORMATION:
; APPLICANT: Ross S. Rabin, Sumedha Jayasena
; APPLICANT: and Larry Gold
; TITLE OF INVENTION: HIGH AFFINITY NUCLEIC
; TITLE OF INVENTION: ACID LIGANDS OF ICP4
; NUMBER OF SEQUENCES: 87
```

; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Swanson & Bratschun, L.L.C.
; STREET: 8400 East Prentice Avenue, Suite #200
; CITY: Englewood
; STATE: Colorado
; COUNTRY: USA
; ZIP: 80111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.5 inch, 1.40 MB
; MEDIUM TYPE: storage
; COMPUTER: IBM COMPATIBLE
; OPERATING SYSTEM: MS-DOS
; SOFTWARE: WORD PERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/591,989
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Barry J. Swanson
; REGISTRATION NUMBER: 33,215
; REFERENCE/DOCKET NUMBER: NEX 49
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (303) 793-3333
; TELEFAX: (303) 793-3433
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-591-989-7

Query Match 0.5%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 2.6e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1277 GGGAGGACAGCGC 1289
Db 1 GGGAGGACAGTGC 13

RESULT 368
US-08-292-620A-83
; Sequence 83, Application US/08292620A
; Patent No. 5837542
; GENERAL INFORMATION:
; APPLICANT: Susan Grimm
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James McSwiggen
; APPLICANT: Sean Sullivan
; APPLICANT: Kenneth G. Draper
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: INTRACELLULAR ADHESION
; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
; NUMBER OF SEQUENCES: 2390
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/292,620A

; FILING DATE: August 17, 1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; PRIOR APPLICATION DATA: including application
; PRIOR APPLICATION DATA: described below:
; APPLICATION NUMBER: 08/008,895
; FILING DATE: January 19, 1993
; APPLICATION NUMBER: 07/989,849
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Wardburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 208/149
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 83:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-292-620A-83

Query Match 0.5%; Score 11.4; DB 1; Length 15;
Best Local Similarity 76.9%; Pred. No. 2.6e+02;
Matches 10; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

Qy 1120 CCCAGTTCACCT 1132
Db 1 CCCAGGUGCCACCU 13

RESULT 369
US-08-585-684B-19
; Sequence 19, Application US/08585684B
; Patent No. 5877021
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Daniel T.
; APPLICANT: Jarvis, Thale
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
; TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
; NUMBER OF SEQUENCES: 2751
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/585,684B
; FILING DATE: January 16, 1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/000,951
; FILING DATE: July 7, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Wardburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/078
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440


```
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 19:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-585-6848-19
Query Match 0.5%; Score 11.4; DB 1; Length 15;
Best Local Similarity 76.9%; Pred. No. 2.6e+02;
Matches 10; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

Qy 806 ACTGTAAGAAAG 818
Db 3 ACUGAAGAGAG 15

RESULT 370
US-08-774-310-77
; Sequence 77, Application US/08774310
; Patent No. 5877022
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Daniel T.
; APPLICANT: McSwiggen, James
; APPLICANT: Newton, Roger S.
; APPLICANT: Ramharack, Randy
; TITLE OF INVENTION: RIBOZYME TREATMENT OF DISEASES
; TITLE OF INVENTION: OR CONDITIONS RELATED TO LEVELS OF
; TITLE OF INVENTION: PLASMA LIPOPROTEIN (a) [LP(a)] BY
; TITLE OF INVENTION: INHIBITING APOLIPOPROTEIN
; NUMBER OF SEQUENCES: 392
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/774,310
; FILING DATE: December 23, 1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/311,760
; FILING DATE: September 23, 1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 223/229
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 77:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-774-310-77
Query Match 0.5%; Score 11.4; DB 1; Length 15;
Best Local Similarity 46.2%; Pred. No. 2.6e+02;
Matches 6; Conservative 6; Mismatches 1; Indels 0; Gaps 0;
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```
Qy 933 CCTCTCTTCATT 945
Db 2 CAUCCUCUUAU 14

RESULT 371
US-08-774-310-78
; Sequence 78, Application US/08774310
; Patent No. 5877022
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Daniel T.
; APPLICANT: McSwiggen, James
; APPLICANT: Newton, Roger S.
; APPLICANT: Ramharack, Randy
; TITLE OF INVENTION: RIBOZYME TREATMENT OF DISEASES
; TITLE OF INVENTION: OR CONDITIONS RELATED TO LEVELS OF
; TITLE OF INVENTION: PLASMA LIPOPROTEIN (a) [LP(a)] BY
; TITLE OF INVENTION: INHIBITING APOLIPOPROTEIN
; NUMBER OF SEQUENCES: 392
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/774,310
; FILING DATE: December 23, 1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/311,760
; FILING DATE: September 23, 1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 223/229
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 78:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-774-310-78
Query Match 0.5%; Score 11.4; DB 1; Length 15;
Best Local Similarity 46.2%; Pred. No. 2.6e+02;
Matches 6; Conservative 6; Mismatches 1; Indels 0; Gaps 0;

Qy 935 TCCTCTTCATTGG 947
Db 2 UCCUCUUAUUG 14

RESULT 372
US-08-477-553A-3/C
; Sequence 3, Application US/08477553A
; Patent No. 5919910
; GENERAL INFORMATION:
; APPLICANT: HUGHES-JONES, Nevin C
; TITLE OF INVENTION: MONOCLONAL ANTIBODIES
; NUMBER OF SEQUENCES: 55
```

;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: Burns, Doane, Swecker & Mathis
;; STREET: P.O. Box 1404
;; CITY: Alexandria
;; STATE: VA
;; COUNTRY: USA
;; ZIP: 22313-1404
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: Floppy disk
;; COMPUTER: IBM PC compatible
;; OPERATING SYSTEM: PC-DOS/MS-DOS
;; SOFTWARE: PatentIn Release #1.0, Version #1.25
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/08/477,553A
;; FILING DATE: 07-JUN-1995
;; CLASSIFICATION: 536
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: US 07/856,034
;; FILING DATE: 23-JUNE-1992
;; CLASSIFICATION: 536
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Meuth, Donna M.
;; REGISTRATION NUMBER: 36,607
;; REFERENCE/DOCKET NUMBER: 007330-032
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (703) 836-6620
;; TELEFAX: (703) 836-2021
;; INFORMATION FOR SEQ ID NO: 3:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 15 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; MOLECULE TYPE: DNA (genomic)
;; US-08-477-553A-3

Query Match 0.5%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 2.6e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 795 CTCCTGTAGTAAC 807
||| |||||
DB 14 CTCGAGTAGTAAC 2

RESULT 373
US-08-477-553A-6/c
; Sequence 6, Application US/08477553A
; Patent No. 5919910
; GENERAL INFORMATION:
; APPLICANT: HUGHES-JONES, Nevin C
; TITLE OF INVENTION: MONOCLONAL ANTIBODIES
; NUMBER OF SEQUENCES: 55
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Burns, Doane, Swecker & Mathis
; STREET: P.O. Box 1404
; CITY: Alexandria
; STATE: VA
; COUNTRY: USA
; ZIP: 22313-1404
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/477,553A
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:

;; APPLICATION NUMBER: US 07/856,034
;; FILING DATE: 23-JUNE-1992
;; CLASSIFICATION: 536
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: GB 8925590.5
;; FILING DATE: 13-NOV-1989
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Meuth, Donna M.
;; REGISTRATION NUMBER: 36,607
;; REFERENCE/DOCKET NUMBER: 007330-032
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (703) 836-6620
;; TELEFAX: (703) 836-2021
;; INFORMATION FOR SEQ ID NO: 5:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 15 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; MOLECULE TYPE: DNA (genomic)
;; US-08-477-553A-6

Query Match 0.5%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 2.6e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 795 CTCCTGTAGTAAC 807
||| |||||
DB 14 CTCGAGTAGTAAC 2

RESULT 374
US-09-289-747-8/c
; Sequence 8, Application US/09289747
; Patent No. 6066461
; GENERAL INFORMATION:
; APPLICANT: McMillian, Ray A.
; APPLICANT: Fort, Thomas L.
; APPLICANT: Hellyer, Tobin
; APPLICANT: You, Qimin
; TITLE OF INVENTION: Amplification and Detection of Campylobacter Jejuni and
; FILE REFERENCE: C. jejuni and C. coli Application
; CURRENT APPLICATION NUMBER: US/09/289,747
; CURRENT FILING DATE: 1999-04-12
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 8
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:Bumper for SDA
; OTHER INFORMATION: for C.jejuni and C. coli
US-09-289-747-8

Query Match 0.5%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 2.6e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1140 CAGCTCCACCTAT 1152
||| |||||
DB 14 CAGCTACACCTAT 2

RESULT 375
US-09-071-845-83
; Sequence 83, Application US/09071845
; Patent No. 6132967
; GENERAL INFORMATION:
; APPLICANT: Susan Grimm
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James MCSw199en

APPLICANT: Sean Sullivan
APPLICANT: Kenneth G. Draper
TITLE OF INVENTION: RIBOZYME TREATMENT OF
TITLE OF INVENTION: DISEASES OR CONDITIONS
TITLE OF INVENTION: RELATED TO LEVELS OF
TITLE OF INVENTION: INTRACELLULAR ADHESION
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
NUMBER OF SEQUENCES: 2390
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MB
MEDIUM TYPE: Storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/071,845
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/292,620
FILING DATE: August 17, 1994
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/149
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 83:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-071-845-83

Query Match 0.5%; Score 11.4; DB 1; Length 15;
Best Local Similarity 76.9%; Pred. No. 2.6e+02;
Matches 10; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

Qy 1120 CCCAGTTCACCT 1132
Db 1 CCCAGGUCCACCU 13

RESULT 376
US-08-929-856-57/c
Sequence 57, Application US/08929856
Patent No. 6136568
GENERAL INFORMATION:
APPLICANT: Hiatt, Andrew
APPLICANT: Rose, Floyd
TITLE OF INVENTION: DE NOVO POLYNUCLEOTIDE SYNTHESIS USING
TITLE OF INVENTION: ROLLING TEMPLATES
NUMBER OF SEQUENCES: 190
CORRESPONDENCE ADDRESS:
ADDRESSEE: LERNER, DAVID, LITTENBERG, KRUMHOLZ &
ADDRESSEE: MENTILIK
STREET: 600 South, Avenue West
CITY: Westfield

STATE: New Jersey
COUNTRY: USA
ZIP: 07090
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/929,856
FILING DATE: 15-SEP-1997
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: Foley, Shawn P.
REGISTRATION NUMBER: 33,071
REFERENCE/DOCKET NUMBER: ROSE 3.0-057
TELECOMMUNICATION INFORMATION:
TELEPHONE: 908-654-5000
TELEFAX: 908-654-7866
INFORMATION FOR SEQ ID NO: 57:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-929-856-57

Query Match 0.5%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 2.6e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 931 TCCTCTCTCTTCA 943
Db 15 TGCCTCTCTTCA 3

RESULT 377
US-09-503-804-8/c
Sequence 8, Application US/09503804
Patent No. 6166196
GENERAL INFORMATION:
APPLICANT: McMillian, Ray A.
APPLICANT: Fort, Thomas L.
APPLICANT: Hellyer, Tobin J.
APPLICANT: You, Qimin
TITLE OF INVENTION: Amplification and Detection of Campylobacter jejuni and
TITLE OF INVENTION: Campylobacter coli.
FILE REFERENCE: C. jejuni and C. coli Application
CURRENT APPLICATION NUMBER: US/09/503,804
CURRENT FILING DATE: 2000-02-14
NUMBER OF SEQ ID NOS: 10
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 8
LENGTH: 15
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Bumper for SDA
OTHER INFORMATION: for C. jejuni and C. coli
US-09-503-804-8

Query Match 0.5%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 2.6e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1140 CAGCTCCACCTAT 1152
Db 14 CAGCTACACCTAT 2

RESULT 378
US-09-038-073-19

```
; Sequence 19, Application US/09038073
; Patent No. 6194150
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Daniel T.
; APPLICANT: Jarvis, Thale
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
; TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
; NUMBER OF SEQUENCES: 2751
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/038,073
; FILING DATE:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/585,684
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/078
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 19:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-09-038-073-19

Query Match 0.5%; Score 11.4; DB 1; Length 15;
Best Local Similarity 76.9%; Pred. No. 2.6e+02;
Matches 10; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

Qy 806 ACTGTAAGAAAAG 818
Db 3 ACUGUAGAGAG 15

RESULT 379
US-09-081-646-842/c
; Sequence 842, Application US/09081646
; Patent No. 633152
; GENERAL INFORMATION:
; APPLICANT: Kinzler, Kenneth
; APPLICANT: Vogelstein, Bert
; APPLICANT: Zhang, Lin
; APPLICANT: Zhou, Wei
; TITLE OF INVENTION: Gene Expression Profiles in No. 6333152mal and
; TITLE OF INVENTION: Cancer Cells
; FILE REFERENCE: 01107.74664
; CURRENT APPLICATION NUMBER: US/09/081,646
; CURRENT FILING DATE: 1998-05-20
; EARLIER APPLICATION NUMBER: 60/047,352
; EARLIER FILING DATE: 1997-05-21
; NUMBER OF SEQ ID NOS: 871
; SOFTWARE: FastSeq for Windows Version 3.0
```

```
; SEQ ID NO 842
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-081-646-842

Query Match 0.5%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 2.6e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1249 GACCCCATCCCA 1261
Db 15 GACCCCATCCCA 3

RESULT 380
US-08-584-040-8433/c
; Sequence 8433, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 8433:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-584-040-8433

Query Match 0.5%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 2.6e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1164 CTGTCCCACTTT 1176
Db 1164 CTGTCCCACTTT 1176
```

Db 15 CAGTCCCAACTTT 3

RESULT 381
US-08-669-656A-29
; Sequence 29, Application US/08669656A
; Patent No. 6451554
; GENERAL INFORMATION:
; APPLICANT: WOOD, John N.
; APPLICANT: Akopian, Armen N.
; TITLE OF INVENTION: Ion Channel
; NUMBER OF SEQUENCES: 31
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: ZENECA Pharmaceuticals
; STREET: 1800 Concord Pike, P.O. Box 15437
; CITY: Wilmington
; STATE: Delaware
; COUNTRY: USA
; ZIP: 19850
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/669,656A
; FILING DATE: 24-JUN-1996
; CLASSIFICATION: 536
; ATTORNEY/AGENT INFORMATION:
; NAME: Hohenschutz, Liza D.
; REGISTRATION NUMBER: 33,712
; REFERENCE/DOCKET NUMBER: PHM.70086
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (302) 886-7466
; INFORMATION FOR SEQ ID NO: 29:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: CDNA
; US-08-669-656A-29

Query Match 0.5%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 2.6e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1006 TCGACACCTGAAA 1018
|||||
2 TCGACACCAAGAA 14

Db

RESULT 382
US-09-371-772B-4089/c
; Sequence 4089, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MEHB00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0

```
5214136-4/c
; Patent No. 5214136
; APPLICANT: LIN, KUEI-YING; MATTEUCCI, MARK
; TITLE OF INVENTION: ANTHRAQUINONE-DERIVATIVES
; OLIGONUCLEOTIDES
; NUMBER OF SEQUENCES: 18
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/482,941
; FILING DATE: 20-FEB-1990
; SEQ ID NO:4:
; LENGTH: 15
5214136-4
Query Match 0.5%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 2.6e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1015 GAAAAAGAGGGG 1027
| | | | | | | | | |
Db 14 GAAAAAGAGAGG 2

RESULT 386
5214136-17/c
; Patent No. 5214136
; APPLICANT: LIN, KUEI-YING; MATTEUCCI, MARK
; TITLE OF INVENTION: ANTHRAQUINONE-DERIVATIVES
; OLIGONUCLEOTIDES
; NUMBER OF SEQUENCES: 18
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/482,941
; FILING DATE: 20-FEB-1990
; SEQ ID NO:17:
; LENGTH: 15
5214136-17
Query Match 0.5%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 2.6e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1015 GAAAAAGAGGGG 1027
| | | | | | | | | |
Db 13 GAAAAAGAGAGG 1

RESULT 387
5214136-18/c
; Patent No. 5214136
; APPLICANT: LIN, KUEI-YING; MATTEUCCI, MARK
; TITLE OF INVENTION: ANTHRAQUINONE-DERIVATIVES
; OLIGONUCLEOTIDES
; NUMBER OF SEQUENCES: 18
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/482,941
; FILING DATE: 20-FEB-1990
; SEQ ID NO:18:
; LENGTH: 15
5214136-18
Query Match 0.5%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 2.6e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1015 GAAAAAGAGGGG 1027
| | | | | | | | | |
Db 13 GAAAAAGAGAGG 1

RESULT 388
US-09-068-195-7
; Sequence 7, Application US/09068195B
; Patent No. 6140078
; GENERAL INFORMATION:
; APPLICANT: Sanders, Jan W.
; APPLICANT: Ledeboer, Adrianus M.
; APPLICANT: Venema, Gerard
; APPLICANT: Kok, Jan
; TITLE OF INVENTION: Salt-Inducible Promoter Derivable from a Lactic Acid
; TITLE OF INVENTION: Bacterium, and Its Use in a Lactic Acid Bacterium for
; TITLE OF INVENTION: Production of Desired Protein
; FILE REFERENCE: Sanders-60113/0252227
; CURRENT APPLICATION NUMBER: US/09/068,195B
; CURRENT FILING DATE: 1998-07-29
; EARLIER APPLICATION NUMBER: PCT/EP97/04755
; EARLIER FILING DATE: 1997-08-20
; EARLIER APPLICATION NUMBER: EP 97200744/7
; EARLIER FILING DATE: 1997-03-13
; EARLIER APPLICATION NUMBER: EP 96202444/4
; EARLIER FILING DATE: 1996-09-05
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: Patent In Ver. 2.0
; SEQ ID NO 7
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer NS3-9
; NAME/KEY: primer bind
; LOCATION: (1)..(16)
US-09-068-195-7
Query Match 0.5%; Score 11.4; DB 1; Length 16;
Best Local Similarity 92.3%; Pred. No. 3.2e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1161 TGACTGTGCCAAC 1173
| | | | | | | | | |
Db 4 TGACTGACCCAAC 16

RESULT 389
US-09-043-816E-29/c
; Sequence 29, Application US/09043816E
; Patent No. 6414128
; GENERAL INFORMATION:
; APPLICANT: Hilton, Douglas J.
; APPLICANT: Willson, Tracy
; APPLICANT: Nicola, Nicos A.
; APPLICANT: Gainsford, Timothy
; APPLICANT: Alexander, Warren S.
; APPLICANT: Metcalf, Donald
; APPLICANT: Ng, Ashley
; TITLE OF INVENTION: A NOVEL HAEMOPOIETIN RECEPTOR AND GENETIC SEQUENCES
; FILE REFERENCE: 11268
; CURRENT APPLICATION NUMBER: US/09/043,816E
; CURRENT FILING DATE: 1998-09-17
; NUMBER OF SEQ ID NOS: 44
; SOFTWARE: Patent In Ver. 2.0
; SEQ ID NO 29
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-043-816E-29
Query Match 0.5%; Score 11.4; DB 1; Length 16;
Best Local Similarity 92.3%; Pred. No. 3.2e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1009 ACACCTGAAAG 1021
| | | | | | | | | |
Db 14 ACACCTGGAAG 2
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```
RESULT 390
US-09-043-816E-40/c
; Sequence 40, Application US/09043816E
; Patent No. 6414128
; GENERAL INFORMATION:
; APPLICANT: Hilton, Douglas J.
; APPLICANT: Willson, Tracy
; APPLICANT: Nicola, Nicos A.
; APPLICANT: Gainsford, Timothy
; APPLICANT: Alexander, Warren S.
; APPLICANT: Metcalf, Donald
; APPLICANT: Ng, Ashley
; TITLE OF INVENTION: A NOVEL HAEMOPOIETIN RECEPTOR AND GENETIC SEQUENCES
; FILE REFERENCE: 11268
; CURRENT APPLICATION NUMBER: US/09/043,816E
; NUMBER OF SEQ ID NOS: 44
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 40
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-043-816E-40

Query Match      0.5%; Score 11.4; DB 1; Length 16;
Best Local Similarity 92.3%; Pred. No. 3.2e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1010 CACCTGAAAAAGA 1022
DB 13 CATCTGAAAAAGA 1

RESULT 391
US-09-371-772B-7032
; Sequence 7032, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MEH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; PRIOR FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 7032
; LENGTH: 16
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-7032

Query Match      0.5%; Score 11.4; DB 1; Length 16;
Best Local Similarity 76.9%; Pred. No. 3.2e+02;
Matches 10; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 754 ACCTGCCATCGAG 766
DB 2 ACCUGAUGCAG 14

RESULT 392
PCT-US91-03680-96
; Sequence 96, Application PC/TUS9103680
; GENERAL INFORMATION:
; APPLICANT: Matteucci, Mark D.
; APPLICANT: Krawczyk, Steven
; TITLE OF INVENTION: SEQUENCE-SPECIFIC NONPHOTOACTIVATED
; TITLE OF INVENTION: CROSSLINKING AGENTS WHICH BIND TO THE MAJOR GROOVE OF
; NUMBER OF SEQUENCES: 158
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Morrison & Foerster
; STREET: 545 Middlefield Road, Suite 200
; CITY: Menlo Park
; STATE: California
; COUNTRY: USA
; ZIP: 94025
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US91/03680
; FILING DATE: 19910524
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Murashige, Kate H.
; REGISTRATION NUMBER: 29,959
; REFERENCE/DOCKET NUMBER: 4610-0011.40
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-327-7250
; TELEFAX: 415-327-2951
; TELEX: 706141
; INFORMATION FOR SEQ ID NO: 96:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 3
; OTHER INFORMATION: /mod_base= OTHER
; OTHER INFORMATION: /note= "5-methylcytosine"
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 8
; OTHER INFORMATION: /mod_base= OTHER
; OTHER INFORMATION:
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 9
; OTHER INFORMATION: /mod_base= OTHER
; OTHER INFORMATION: /note= "5-methylcytosine"
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 14
; OTHER INFORMATION: /mod_base= OTHER
; OTHER INFORMATION: /note= "5-methylcytosine"
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 16
; OTHER INFORMATION: /mod_base= OTHER
; OTHER INFORMATION: /note= "T-T, linking group o-xyloso (nucleotides
; OTHER INFORMATION: that have xylose sugar linked via the o-xyloso
; OTHER INFORMATION: ring)"
PCT-US91-03680-96

Query Match      0.5%; Score 11.4; DB 1; Length 16;
Best Local Similarity 80.0%; Pred. No. 3.2e+02;
Matches 12; Conservative 1; Mismatches 2; Indels 0; Gaps 0;
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QY 918 TCTTTGCTTTTATC 932
|||||:|||||
Db 2 TCTTTTCTTTTCTC 16

RESULT 393
5214136-6/c
;PATENT NO. 5214136
;APPLICANT: LIN, KUEI-YING;MATTEUCCI, MARK
;TITLE OF INVENTION: ANTHRAQUINONE-DERIVATIVES
;OLIGONUCLEOTIDES
;NUMBER OF SEQUENCES: 18
;CURRENT APPLICATION DATA:
;APPLICATION NUMBER: US/07/482,941
;FILING DATE: 20-FEB-1990
;SEQ ID NO:6:
;LENGTH: 16
5214136-6

Query Match 0.5%; Score 11.4; DB 1; Length 16;
Best Local Similarity 92.3%; Pred. No. 3.2e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1015 GAAAAAGAGGGG 1027
|||||:|||||
Db 14 GAAAAAGAGGGG 2

RESULT 394
5214136-14/c
;PATENT NO. 5214136
;APPLICANT: LIN, KUEI-YING;MATTEUCCI, MARK
;TITLE OF INVENTION: ANTHRAQUINONE-DERIVATIVES
;OLIGONUCLEOTIDES
;NUMBER OF SEQUENCES: 18
;CURRENT APPLICATION DATA:
;APPLICATION NUMBER: US/07/482,941
;FILING DATE: 20-FEB-1990
;SEQ ID NO:14:
;LENGTH: 16
5214136-14

Query Match 0.5%; Score 11.4; DB 1; Length 16;
Best Local Similarity 92.3%; Pred. No. 3.2e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1015 GAAAAAGAGGGG 1027
|||||:|||||
Db 14 GAAAAAGAGGGG 2

RESULT 395
US-08-747-562-2
;Sequence 2, Application US/08747562
;Patent No. 6579697
;GENERAL INFORMATION:
;APPLICANT: WALLACH, David
;APPLICANT: BOLDIN, Mark
;APPLICANT: METT, Igor
;APPLICANT: VARFOLOEV, Eugene
;TITLE OF INVENTION: MODULATOR OF TNF/NGF SUPERFAMILY RECEPTORS
;TITLE OF INVENTION: AND SOLUBLE OLIGOMERIC TNF/NGF SUPERFAMILY RECEPTORS
;NUMBER OF SEQUENCES: 37
;CORRESPONDENCE ADDRESS:
;ADDRESSES: BROWDY AND NEIMARK
;STREET: 419 Seventh Street, N.W., Suite 300
;CITY: Washington
;STATE: D.C.
;COUNTRY: USA
;ZIP: 20004
;COMPUTER READABLE FORM:
;MEDIUM TYPE: Floppy disk
;COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/747,562
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/05854
FILING DATE: 11-MAY-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: IL 109,632
FILING DATE: 11-MAY-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: IL 111,125
FILING DATE: 02-OCT-1994
ATTORNEY/AGENT INFORMATION:
NAME: BROWDY, Roger L.
REGISTRATION NUMBER: 25,618
REFERENCE/DOCKET NUMBER: WALLACH=15A
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-628-5197
TELEFAX: 202-737-3528
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 28 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
US-08-747-562-2

Query Match 0.5%; Score 11.4; DB 1; Length 28;
Best Local Similarity 71.4%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 1827 CGTGGGCTCAAGAGCGTGAGT 1847
|||||:|||||
Db 4 CGTCGACTGTGTGCGCTGAGT 24

RESULT 396
US-09-050-159-9/c
;Sequence 9, Application US/09050159A
;Patent No. 6197505
;GENERAL INFORMATION:
;APPLICANT: No. 6197505berg, Leif T
;APPLICANT: Andersson, Maria K
;APPLICANT: Linstrom, Per H
;TITLE OF INVENTION: METHODS FOR ASSESSING CARDIOVASCULAR STATUS AND
;TITLE OF INVENTION: COMPOSITIONS FOR USE THEREOF
;FILE REFERENCE: 1248/1D042
;CURRENT APPLICATION NUMBER: US/09/050,159A
;CURRENT FILING DATE: 1998-03-27
;EARLIER APPLICATION NUMBER: 60/042,930
;EARLIER FILING DATE: 1987-04-03
;NUMBER OF SEQ ID NOS: 133
;SOFTWARE: PatentIn Ver. 2.1
;SEQ ID NO 9
;LENGTH: 16
;TYPE: DNA
;ORGANISM: Artificial Sequence
;FEATURE:
;OTHER INFORMATION: Description of Artificial Sequence: PCR PRIMER
US-09-050-159-9

Query Match 0.5%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 3.6e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 232 AGTGAGAGCCATAGC 247
|||||:|||||
Db 16 AGTGAGAGCCGAGGGC 1

RESULT 397
```


US-08-152-313-32
; Sequence 32, Application US/08152313
; Patent No. 5561041
; GENERAL INFORMATION:
; APPLICANT: Sitrasky, David
; TITLE OF INVENTION: NUCLEIC ACID MUTATION DETECTION BY
; TITLE OF INVENTION: ANALYSIS OF SPUTUM
; NUMBER OF SEQUENCES: 128
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Spensley Horn Jubas & Lubitz
; STREET: 1880 Century Park East, Suite 500
; CITY: Los Angeles
; STATE: California
; COUNTRY: USA
; ZIP: 90067
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: PC-DOS/MS-DOS
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/152,313
; FILING DATE: 12-NOV-1993
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Wetherell, Jr., Ph.D., John R.,
; REGISTRATION NUMBER: 31,678
; REFERENCE/DOCKET NUMBER: PD-2912
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (619) 455-5100
; TELEFAX: (619) 455-5110
; INFORMATION FOR SEQ ID NO: 32:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 1..16
US-08-152-313-32
Query Match 0.5%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 3.6e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
Qy 1086 AGGCTTACCCCCACC 1101
Db 1 AGGCGCTACCCCCACC 16
RESULT 398
US-07-971-978-10/c
; Sequence 10, Application US/07971978
; Patent No. 5614617
; GENERAL INFORMATION:
; APPLICANT: Cook and Sanghvi
; TITLE OF INVENTION: Nuclease Resistant, Pyrimidine
; TITLE OF INVENTION: Modified Oligonucleotides that Detect and Modulate
; TITLE OF INVENTION: Gene Expression
; NUMBER OF SEQUENCES: 65
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz and
; ADDRESSEE: NO. 5614617is
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: U.S.A.
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WordPerfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/971,978
; FILING DATE: February 18, 1993
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/558,806
; FILING DATE: July 27, 1990
; ATTORNEY/AGENT INFORMATION:
; NAME: Joseph Lucci
; REGISTRATION NUMBER: 33,307
; REFERENCE/DOCKET NUMBER: ISIS-0333
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-568-3100
; TELEFAX: 215-568-3439
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 1
; OTHER INFORMATION: 6-aza-thymidine substitution
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 7
; OTHER INFORMATION: 6-aza-thymidine substitution
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 9
; OTHER INFORMATION: 6-aza-thymidine substitution
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 13
; OTHER INFORMATION: 6-aza-thymidine substitution
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 14
; OTHER INFORMATION: 6-aza-thymidine substitution
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 15
; OTHER INFORMATION: 6-aza-thymidine substitution
US-07-971-978-10
Query Match 0.5%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 3.6e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
Qy 1002 GAATCGACCTGAA 1017
Db 16 GAACGGACCTGGA 1
RESULT 399
US-07-971-978-11/c
; Sequence 11, Application US/07971978
; Patent No. 5614617
; GENERAL INFORMATION:
; APPLICANT: Cook and Sanghvi
; TITLE OF INVENTION: Nuclease Resistant, Pyrimidine
; TITLE OF INVENTION: Modified Oligonucleotides that Detect and Modulate
; TITLE OF INVENTION: Gene Expression
; NUMBER OF SEQUENCES: 65
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz and
; ADDRESSEE: NO. 5614617is
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia

```
; STATE: PA
; COUNTRY: U.S.A.
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WordPerfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/971,978
; FILING DATE: February 18, 1993
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/558,806
; FILING DATE: July 27, 1990
; ATTORNEY/AGENT INFORMATION:
; NAME: Joseph Lucchi
; REGISTRATION NUMBER: 33,307
; REFERENCE/DOCKET NUMBER: ISIS-0333
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-568-3100
; TELEFAX: 215-568-3439
; INFORMATION FOR SEQ ID NO: 11:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 1
; OTHER INFORMATION: 6-aza-thymidine substitution
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 7
; OTHER INFORMATION: 6-aza-thymidine substitution
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 9
; OTHER INFORMATION: 6-aza-thymidine substitution
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 13
; OTHER INFORMATION: 6-aza-thymidine substitution;
; OTHER INFORMATION: P of the phosphodiester bond is
; OTHER INFORMATION: replaced by an S
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 14
; OTHER INFORMATION: 6-aza-thymidine substitution;
; OTHER INFORMATION: P of the phosphodiester bond is
; OTHER INFORMATION: replaced by an S
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 15
; OTHER INFORMATION: 6-aza-thymidine substitution;
; OTHER INFORMATION: P of the phosphodiester bond is
; OTHER INFORMATION: replaced by an S
; US-07-971-978-11
;
; Query Match 0.5%; Score 11.2; DB 1; Length 16;
; Best Local Similarity 81.2%; Pred. No. 3.6e+02;
; Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
;
; QY 1002 GAAATCGACACCTGAA 1017
; Db 16 GAAACGGACACCTGGA 1
;
; RESULT 400
; US-07-971-978-40/c
; Sequence 40, Application US/07971978
;
; APPLICANT: Cook and Sanghvi
;
; Patent No. 5614617
; GENERAL INFORMATION:
; APPLICANT: Cook and Sanghvi
; TITLE OF INVENTION: Nuclease Resistant, Pyrimidine
; TITLE OF INVENTION: Modified Oligonucleotides that Detect and Modulate
; NUMBER OF SEQUENCES: 65
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz and
; ADDRESS: No. 5614617is
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: U.S.A.
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WordPerfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/971,978
; FILING DATE: February 18, 1993
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/558,806
; FILING DATE: July 27, 1990
; ATTORNEY/AGENT INFORMATION:
; NAME: Joseph Lucchi
; REGISTRATION NUMBER: 33,307
; REFERENCE/DOCKET NUMBER: ISIS-0333
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-568-3100
; TELEFAX: 215-568-3439
; INFORMATION FOR SEQ ID NO: 40:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 13
; OTHER INFORMATION: 5-fluoro-2'-deoxyuridine
; OTHER INFORMATION: substitution
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 14
; OTHER INFORMATION: 5-fluoro-2'-deoxyuridine
; OTHER INFORMATION: substitution
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 15
; OTHER INFORMATION: 5-fluoro-2'-deoxyuridine
; OTHER INFORMATION: substitution
; US-07-971-978-40
;
; Query Match 0.5%; Score 11.2; DB 1; Length 16;
; Best Local Similarity 81.2%; Pred. No. 3.6e+02;
; Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
;
; QY 1002 GAAATCGACACCTGAA 1017
; Db 16 GAAACGGACACCTGGA 1
;
; RESULT 401
; US-07-971-978-46/c
; Sequence 46, Application US/07971978
; Patent No. 5614617
; GENERAL INFORMATION:
; APPLICANT: Cook and Sanghvi
```

```
/ TITLE OF INVENTION: Nuclease Resistant, Pyrimidine
/ TITLE OF INVENTION: Modified Oligonucleotides that Detect and Modulate
/ NUMBER OF SEQUENCES: 65
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz and
/ STREET: One Liberty Place - 46th Floor
/ CITY: Philadelphia
/ STATE: PA
/ COUNTRY: U.S.A.
/ ZIP: 19103
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: Wordperfect 5.1
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/07/971,978
/ FILING DATE: February 18, 1993
/ CLASSIFICATION: 514
/ PRIOR APPLICATION NUMBER: 07/558,806
/ FILING DATE: July 27, 1990
/ APPLICATION NUMBER: 33,307
/ REGISTRATION/DOCKET NUMBER: ISIS-0333
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 215-568-3100
/ TELEFAX: 215-568-3439
/ INFORMATION FOR SEQ ID NO: 46:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 16 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA (genomic)
/ FEATURE:
/ NAME/KEY: Modified-site
/ LOCATION: 13
/ OTHER INFORMATION: 5-bromo-2'-deoxyuridine
/ OTHER INFORMATION: substitution
/ FEATURE:
/ NAME/KEY: Modified-site
/ LOCATION: 14
/ OTHER INFORMATION: 5-bromo-2'-deoxyuridine
/ OTHER INFORMATION: substitution
/ FEATURE:
/ NAME/KEY: Modified-site
/ LOCATION: 15
/ OTHER INFORMATION: 5-bromo-2'-deoxyuridine
/ OTHER INFORMATION: substitution
/ US-07-971-978-46
/
/ Query Match 0.5%; Score 11.2; DB 1; Length 16;
/ Best Local Similarity 81.2%; Pred. No. 3.6e+02;
/ Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
/
/ Qy 1002 GAAATCGACACCTGAA 1017
/ Db 16 GAAACGGACACCTGGA 1
/
/ RESULT 402
/ US-07-971-978-64/c
/ Sequence 64, Application US/07971978
/ Patent No. 5614617
/ GENERAL INFORMATION:
/ APPLICANT: Cook and Sanghvi
/ TITLE OF INVENTION: Nuclease Resistant, Pyrimidine
/ TITLE OF INVENTION: Modified Oligonucleotides that Detect and Modulate
/ NUMBER OF SEQUENCES: 65
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz and
/ STREET: One Liberty Place - 46th Floor
/ CITY: Philadelphia
/ STATE: PA
/ COUNTRY: U.S.A.
/ ZIP: 19103
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: Wordperfect 5.1
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/07/971,978
/ FILING DATE: February 18, 1993
/ CLASSIFICATION: 514
/ PRIOR APPLICATION NUMBER: 07/558,806
/ FILING DATE: July 27, 1990
/ APPLICATION NUMBER: 33,307
/ REGISTRATION/DOCKET NUMBER: ISIS-0333
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 215-568-3100
/ TELEFAX: 215-568-3439
/ INFORMATION FOR SEQ ID NO: 46:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 16 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA (genomic)
/ FEATURE:
/ NAME/KEY: Modified-site
/ LOCATION: 13
/ OTHER INFORMATION: 5-bromo-2'-deoxyuridine
/ OTHER INFORMATION: substitution
/ FEATURE:
/ NAME/KEY: Modified-site
/ LOCATION: 14
/ OTHER INFORMATION: 5-bromo-2'-deoxyuridine
/ OTHER INFORMATION: substitution
/ FEATURE:
/ NAME/KEY: Modified-site
/ LOCATION: 15
/ OTHER INFORMATION: 5-bromo-2'-deoxyuridine
/ OTHER INFORMATION: substitution
/ US-07-971-978-64
/
/ Query Match 0.5%; Score 11.2; DB 1; Length 16;
/ Best Local Similarity 81.2%; Pred. No. 3.6e+02;
/ Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
/
/ Qy 1002 GAAATCGACACCTGAA 1017
/ Db 16 GAAACGGACACCTGGA 1
/
/ RESULT 402
/ US-07-971-978-64/c
/ Sequence 64, Application US/07971978
/ Patent No. 5614617
/ GENERAL INFORMATION:
/ APPLICANT: Stanley Tabor
/ APPLICANT: Charles C. Richardson
/ TITLE OF INVENTION: USE OF SHORT OLIGONUCLEOTIDES AS PRIMERS
/ TITLE OF INVENTION: FOR DNA SEQUENCING
/ NUMBER OF SEQUENCES: 34
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Lyon & Lyon
```

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/ NUMBER OF SEQUENCES: 65
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz and
/ STREET: One Liberty Place - 46th Floor
/ CITY: Philadelphia
/ STATE: PA
/ COUNTRY: U.S.A.
/ ZIP: 19103
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: Wordperfect 5.1
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/07/971,978
/ FILING DATE: February 18, 1993
/ CLASSIFICATION: 514
/ PRIOR APPLICATION NUMBER: 07/558,806
/ FILING DATE: July 27, 1990
/ APPLICATION NUMBER: 33,307
/ REGISTRATION/DOCKET NUMBER: ISIS-0333
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 215-568-3100
/ TELEFAX: 215-568-3439
/ INFORMATION FOR SEQ ID NO: 64:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 16 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA (genomic)
/ FEATURE:
/ NAME/KEY: Modified-site
/ LOCATION: 13
/ OTHER INFORMATION: 5-iodo-2'-deoxyuridine
/ OTHER INFORMATION: substitution
/ FEATURE:
/ NAME/KEY: Modified-site
/ LOCATION: 14
/ OTHER INFORMATION: 5-iodo-2'-deoxyuridine
/ OTHER INFORMATION: substitution
/ FEATURE:
/ NAME/KEY: Modified-site
/ LOCATION: 15
/ OTHER INFORMATION: 5-iodo-2'-deoxyuridine
/ OTHER INFORMATION: substitution
/ US-07-971-978-64
/
/ Query Match 0.5%; Score 11.2; DB 1; Length 16;
/ Best Local Similarity 81.2%; Pred. No. 3.6e+02;
/ Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
/
/ Qy 1002 GAAATCGACACCTGAA 1017
/ Db 16 GAAACGGACACCTGGA 1
/
/ RESULT 403
/ US-08-196-538-30/c
/ Sequence 30, Application US/08196538
/ Patent No. 5639608
/ GENERAL INFORMATION:
/ APPLICANT: Stanley Tabor
/ APPLICANT: Charles C. Richardson
/ TITLE OF INVENTION: USE OF SHORT OLIGONUCLEOTIDES AS PRIMERS
/ TITLE OF INVENTION: FOR DNA SEQUENCING
/ NUMBER OF SEQUENCES: 34
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Lyon & Lyon
```



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/ OTHER INFORMATION: /note= "modified sugar"
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: 15
/ OTHER INFORMATION: /note= "modified sugar"
US-08-426-807-7
Query Match 0.5%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 3.6e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 1002 GAAATCGACACCTTGAA 1017
|||||
Db 16 GAAACGACACCTGGA 1

RESULT 406
US-08-419-414-13
Sequence 13, Application US/08419414
Patent No. 5753787
GENERAL INFORMATION:
APPLICANT: Hawdon, John M.
APPLICANT: Hotez, Peter J.
APPLICANT: Jones, Brian F.
TITLE OF INVENTION: Hookworm Vaccine
NUMBER OF SEQUENCES: 16
CORRESPONDENCE ADDRESS:
ADDRESSEE: Patrea L, Pabst
STREET: 2800 One Atlantic Center
STREET: 1201 West Peachtree Street
CITY: Atlanta
STATE: Georgia
COUNTRY: USA
ZIP: 30309-3450
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/419,414
FILING DATE:
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Pabst, Patrea L.
REGISTRATION NUMBER: 31,284
REFERENCE/DOCKET NUMBER: YU113
TELECOMMUNICATION INFORMATION:
TELEPHONE: (404) 873-8795
TELEFAX: (404) 873-8795
INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "DNA primer"
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-08-419-414-13
Query Match 0.5%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 3.6e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 1290 CCACAAGCCACAGAGC 1305
|||||
Db 1 CCACACGCGGAGGC 16

RESULT 407
US-08-282-197C-25/c
Sequence 25, Application US/08282197C
Patent No. 5871730
GENERAL INFORMATION:
APPLICANT: Brzezinski, Ryszard
APPLICANT: Dery, Claude V
APPLICANT: Beaulieu, Carole
TITLE OF INVENTION: Thermostable Xylanase DNA, Protein and
METHODS OF USE
NUMBER OF SEQUENCES: 67
CORRESPONDENCE ADDRESS:
ADDRESSEE: Sterne, Kessler, Goldstein & Fox P.L.L.C.
STREET: 1100 New York Ave., NW
CITY: Washington
STATE: DC
COUNTRY: USA
ZIP: 20005
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/282,197C
FILING DATE: 29-JUL-1994
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Cimbala, Michele A
REGISTRATION NUMBER: 33,851
REFERENCE/DOCKET NUMBER: 1050.0410000
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-371-2540
TELEFAX: 202-371-2540
INFORMATION FOR SEQ ID NO: 25:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: both
TOPOLOGY: both
US-08-282-197C-25
Query Match 0.5%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 3.6e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 1228 CTTGCGACAGCCCTCG 1243
|||||
Db 16 CATGCCACCCCTCG 1

RESULT 408
US-08-459-434-10/c
Sequence 10, Application US/08459434
Patent No. 5969116
GENERAL INFORMATION:
APPLICANT: Martin, Pierre
TITLE OF INVENTION: Nucleosides and oligonucleotides having
2'-ether groups
NUMBER OF SEQUENCES: 10
CORRESPONDENCE ADDRESS:
ADDRESSEE: No. 5969116artis Corporation
STREET: 59 Route 10
CITY: East Hanover
STATE: New Jersey
COUNTRY: USA
ZIP: 07936-1080
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/459,434
FILING DATE: 02-JUN-1995
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; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: CH 1467/93-4
; FILING DATE: 12-MAY-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/241,213
; FILING DATE: 10-MAY-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Ferraro, Gregory D.
; REGISTRATION NUMBER: 36,134
; REFERENCE/DOCKET NUMBER: 4-19552/A/DIV
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (908) 277-3318
; TELEFAX: (908) 277-4306
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "synthetic oligonucleotide
; DESCRIPTION: comprising a modified sugar"
US-08-459-434-10

Query Match      0.5%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 3.6e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1002 GAATCGACACTGAA 1017
Db 16 GAAACGGACACTGGA 1

RESULT 409
US-08-850-961-5
; Sequence 5, Application US/08850961
; Patent No. 6013517
; GENERAL INFORMATION:
; APPLICANT: Respass, James G.
; APPLICANT: De Polo, Nicholas J.
; APPLICANT: Chada, Sunil
; APPLICANT: Sauter, Sybille
; APPLICANT: Bodner, Mordechai
; APPLICANT: Driver, David A.
; TITLE OF INVENTION: CROSSLESS RETROVIRAL VECTORS
; NUMBER OF SEQUENCES: 45
; CORRESPONDENCE ADDRESS:
; STREET: P.O. Box 8097
; CITY: Emeryville
; STATE: California
; COUNTRY: USA
; ZIP: 94662-8097
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/850,961
; FILING DATE: 05-MAY-1997
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Kruse, No. 6013517man J.
; REGISTRATION NUMBER: 35,235
; REFERENCE/DOCKET NUMBER: 930049.424C4 / 1147.005
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (510) 601-3520
; TELEFAX: (510) 655-3542
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs

; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; Query Match      0.5%; Score 11.2; DB 1; Length 16;
; Best Local Similarity 81.2%; Pred. No. 3.6e+02;
; Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1056 GGCCCCAAACCCAGC 1071
Db 1 GCGCCCAAAACCTAAAC 16

RESULT 410
US-09-270-542-186
; Sequence 186, Application US/09270542
; Patent No. 6322976
; GENERAL INFORMATION:
; APPLICANT: Aitman, Timothy
; APPLICANT: Scott, James
; APPLICANT: Stanton, Lawrence
; TITLE OF INVENTION: Compositions and Methods of Disease Diagnosis and
; TITLE OF INVENTION: Therapy
; FILE REFERENCE: 4198/78179
; CURRENT APPLICATION NUMBER: US/09/270,542
; CURRENT FILING DATE: 1999-03-17
; EARLIER APPLICATION NUMBER: 09/221,222
; EARLIER FILING DATE: 1999-12-23
; NUMBER OF SEQ ID NOS: 207
; SOFTWARE: Patent in Ver. 2.0
; SEQ ID NO 186
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Rattus norvegicus
US-09-270-542-186

Query Match      0.5%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 3.6e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 936 CCTCTTCATTGGTTTA 951
Db 1 CCTATCTTTGGCTTA 16

RESULT 411
US-09-479-776-5
; Sequence 5, Application US/09479776
; Patent No. 6333195
; GENERAL INFORMATION:
; APPLICANT: Respass, James G.
; APPLICANT: De Polo, Nicholas J.
; APPLICANT: Chada, Sunil
; APPLICANT: Sauter, Sybille
; APPLICANT: Bodner, Mordechai
; APPLICANT: Driver, David A.
; TITLE OF INVENTION: CROSSLESS RETROVIRAL VECTORS
; NUMBER OF SEQUENCES: 45
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: CHIRON CORPORATION
; STREET: INTELLECTUAL PROPERTY-R440
; P.O. BOX 8097
; CITY: EMERYVILLE
; STATE: CA
; COUNTRY: USA
; ZIP: 94662-8097
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: PC-DOS/MS-DOS
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/850,961
; FILING DATE: 05-MAY-1997
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Kruse, No. 6013517man J.
; REGISTRATION NUMBER: 35,235
; REFERENCE/DOCKET NUMBER: 930049.424C4 / 1147.005
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (510) 601-3520
; TELEFAX: (510) 655-3542
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
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APPLICATION NUMBER: US/09/479,776
FILING DATE: 07-Jan-2000
CLASSIFICATION: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: KRUSE, NORMAN J.
REGISTRATION NUMBER: 35,235
REFERENCE/DOCKET NUMBER: 930049.424C4
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206)622-4900
TELEFAX: (206)682-6031
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 5:
US-09-479-776-5
Query Match 0.5%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 3.6e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 1056 GGCCCAACCCCAAGC 1071
Db 1 GGCCCAACCTAAC 16
RESULT 412
US-06-801-308-4
Sequence 4, Application US/08801308
Patent No. 6368790
GENERAL INFORMATION:
APPLICANT: Scott, Robert E.
TITLE OF INVENTION: CDNA ENCODING P2P PROTEINS AND USE OF
TITLE OF INVENTION: P2P CDNA-DERIVED ANTIBODIES AND ANTISENSE REAGENTS IN
TITLE OF INVENTION: DETERMINING THE PROLIFERATIVE POTENTIAL OF NORMAL,
TITLE OF INVENTION: ABNORMAL AND CANCER CELLS IN ANIMALS AND HUMANS
NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
ADDRESSEE: Weiser & Associates, P.C.
STREET: 230 S. Fifteenth Street, Suite 500
CITY: Philadelphia
STATE: PA
COUNTRY: USA
ZIP: 19102
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/801,308
FILING DATE: 18-FEB-1997
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Weiser, Gerard J.
REGISTRATION NUMBER: 19,763
REFERENCE/DOCKET NUMBER: 372.6435P
TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-875-8394
TELEFAX: 215-875-8394
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-801-308-4
Query Match 0.5%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 3.6e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1043 CTACTAAGCCCTGGC 1058
Db 1 CTACTAAGCCATGGC 16
RESULT 413
US-09-328-174A-15
Sequence 15, Application US/09328174A
Patent No. 6448003
GENERAL INFORMATION:
APPLICANT: Guida, Marco
APPLICANT: Kurth, Janice
TITLE OF INVENTION: Genotyping Human Phenol Sulfotransferase
TITLE OF INVENTION: (STP2)
FILE REFERENCE: 4389-6 (formerly SEQ-16P)
CURRENT APPLICATION NUMBER: US/09/328,174A
CURRENT FILING DATE: 1999-06-08
PRIOR FILING DATE: 1999-06-08
PRIOR FILING DATE: 1999-06-08
NUMBER OF SEQ ID NOS: 110
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 15
LENGTH: 16
TYPE: DNA
ORGANISM: H. sapiens
US-09-328-174A-15
Query Match 0.5%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 3.6e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 874 GACTCAGGCACACAG 889
Db 1 GACTCAGGCACAGGAG 16
RESULT 414
US-09-371-772B-6029/C
Sequence 6029, Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyne Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions i
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MEHB00,876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR FILING DATE: 1999-08-10
PRIOR FILING DATE: 1995-10-26
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: PatentIn version 3.0
SEQ ID NO 6029
LENGTH: 16
TYPE: RNA
ORGANISM: Homo sapiens
US-09-371-772B-6029
Query Match 0.5%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 3.6e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 1002 GAAATCGACACCTGAA 1017
Db 16 GAAATCAACATGAA 1

RESULT 415
US-09-479-005A-176/c
; Sequence 176, Application US/09479005A
; Patent No. 6656731
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Nucleic Acid Catalysts with Endonuclease Activity
; FILE REFERENCE: MEH00-884-C
; CURRENT APPLICATION NUMBER: US/09/479,005A
; CURRENT FILING DATE: 2000-01-07
; PRIOR APPLICATION NUMBER: US 09/444,209
; PRIOR FILING DATE: 1999-11-19
; PRIOR APPLICATION NUMBER: US 09/159,274
; PRIOR FILING DATE: 1998-09-22
; PRIOR APPLICATION NUMBER: US 60/059,473
; PRIOR FILING DATE: 1997-09-22
; NUMBER OF SEQ ID NOS: 1208
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 176
; LENGTH: 16
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-479-005A-176
Query Match 0.5%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 3.6e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 937 CTCCTCATTTGTTTAA 952
| | | | | | | | | | | | | | | | | | | | | |
Db 16 CACTTCATTTGTTTAA 1
| | | | | | | | | | | | | | | | | | | | | |
RESULT 416
US-09-753-943D-15/c
; Sequence 15, Application US/09753943D
; Patent No. 6670468
; GENERAL INFORMATION:
; APPLICANT: Cuenoud, Bernard
; APPLICANT: Altmann, Karl-Heinz
; APPLICANT: Martin, Pierre
; APPLICANT: Moser, Heinz Ernst
; TITLE OF INVENTION: 2'-Substituted Nucleosides and Oligonucleotide Derivatives
; FILE REFERENCE: 4-20890B/C1
; CURRENT APPLICATION NUMBER: US/09/753,943D
; CURRENT FILING DATE: 2001-01-03
; PRIOR APPLICATION NUMBER: 09/194,844
; PRIOR FILING DATE: 1999-05-14
; PRIOR APPLICATION NUMBER: PCT/EP97/02738
; PRIOR FILING DATE: 1998-05-27
; PRIOR APPLICATION NUMBER: Switzerland 1432/96
; PRIOR FILING DATE: 1996-06-06
; NUMBER OF SEQ ID NOS: 22
; SEQ ID NO 15
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: synthesized
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: 13-15
; OTHER INFORMATION: 2'-substituted sugar
US-09-753-943D-15
Query Match 0.5%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 3.6e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 1002 GAAATCGACACCTGAA 1017
| | | | | | | | | | | | | | | | | | | | | |
Db 16 GAAACGGACACCTGGA 1
| | | | | | | | | | | | | | | | | | | | | |

RESULT 417
PCT-US94-12947A-32
; Sequence 32, Application PC/TUS9412947A
; GENERAL INFORMATION:
; APPLICANT: The Johns Hopkins University School of Medicine
; TITLE OF INVENTION: NUCLEIC ACID MUTATION DETECTION BY
; ANALYSIS OF SPUTUM
; NUMBER OF SEQUENCES: 128
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Spensley Horn Jubas & Lubitz
; STREET: 1880 Century Park East, Suite 500
; CITY: Los Angeles
; STATE: California
; COUNTRY: USA
; ZIP: 90067
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US94/12947A
; FILING DATE: 10-NOV-1994
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Hail, Ph.D., Lisa A.
; REGISTRATION NUMBER: P-38,347
; REFERENCE/DOCKET NUMBER: FD-2912
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (619) 455-5100
; TELEFAX: (619) 455-5110
; INFORMATION FOR SEQ ID NO: 32:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 1..16
PCT-US94-12947A-32
Query Match 0.5%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 3.6e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 1086 AGGCTTCACCCACC 1101
| | | | | | | | | | | | | | | | | | | | | |
Db 1 AGGCGTACCCACC 16
| | | | | | | | | | | | | | | | | | | | | |
RESULT 418
US-09-106-038A-66
; Sequence 66, Application US/09106038A
; Patent No. 6007995
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker and Lex M. Coweert
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1
; EXPRESSION
; NUMBER OF SEQUENCES: 91
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Isis Pharmaceuticals, Inc.
; STREET: 2292 Faraday Avenue
; CITY: Carlsbad
; STATE: CA
; COUNTRY: U.S.A.
; ZIP: 92008
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: Windows NT


```
; SOFTWARE: Microsoft Word 97
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/106.038A
; FILING DATE: June 26, 1998
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Laurel Spear Bernstein
; REGISTRATION NUMBER: 37,280
; REFERENCE/DOCKET NUMBER: RTS-0004
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (760) 931-9200
; TELEFAX: (760) 603-3820
; INFORMATION FOR SEQ ID NO: 66:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
US-09-106-038A-66

Query Match 0.5%; Score 11.2; DB 1; Length 18;
Best Local Similarity 81.2%; Pred. No. 4.8e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 301 CTGGAGCTGTGGTGG 316
Db 3 CTGGAGGTGAAGGTGG 18

RESULT 419
US-09-205-144-36/c
; Sequence 36, Application US/09205144
; Patent No. 5958771
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Elizabeth J. Ackermann
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF CELLULAR INHIBITOR OF APOPTOSIS-2 EXPRESSION
; FILE REFERENCE: RTS-0021
; CURRENT APPLICATION NUMBER: US/09/205.144
; CURRENT FILING DATE: 1998-12-03
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 36
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-205-144-36

Query Match 0.5%; Score 11.2; DB 1; Length 18;
Best Local Similarity 81.2%; Pred. No. 4.8e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 74 GAGAGGAGGGAGAGA 89
Db 18 GGAAGAGGAGAGAGA 3

RESULT 420
US-08-529-190B-13/c
; Sequence 13, Application US/08529190B
; Patent No. 5833991
; GENERAL INFORMATION:
; APPLICANT: Masucci, Maria G.
; TITLE OF INVENTION: GLYCINE-CONTAINING SEQUENCES
; NUMBER OF SEQUENCES: 76
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Banner & Witcoff, Ltd.
; STREET: One Financial Center
; CITY: Boston
; STATE: MA

US-08-529-190B-13

Query Match 0.5%; Score 11.2; DB 1; Length 24;
Best Local Similarity 81.2%; Pred. No. 7.8e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 301 CTGGAGCTGTGGTGG 316
Db 18 CTGGAGGTGGGGTGG 3

RESULT 421
US-08-529-190B-5
; Sequence 5, Application US/08529190B
; Patent No. 5833991
; GENERAL INFORMATION:
; APPLICANT: Masucci, Maria G.
; TITLE OF INVENTION: GLYCINE-CONTAINING SEQUENCES
; NUMBER OF SEQUENCES: 76
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Banner & Witcoff, Ltd.
; STREET: One Financial Center
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: Wordperfect 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/529.190B
; FILING DATE: 15-SEP-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: SE9501324-9
; FILING DATE: 10-APR-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US08/522.595
; FILING DATE: 01-SEP-1995

US-08-529-190B-13

Query Match 0.5%; Score 11.2; DB 1; Length 24;
Best Local Similarity 81.2%; Pred. No. 7.8e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 301 CTGGAGCTGTGGTGG 316
Db 18 CTGGAGGTGGGGTGG 3

RESULT 421
US-08-529-190B-5
; Sequence 5, Application US/08529190B
; Patent No. 5833991
; GENERAL INFORMATION:
; APPLICANT: Masucci, Maria G.
; TITLE OF INVENTION: GLYCINE-CONTAINING SEQUENCES
; NUMBER OF SEQUENCES: 76
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Banner & Witcoff, Ltd.
; STREET: One Financial Center
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: Wordperfect 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/529.190B
; FILING DATE: 15-SEP-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: SE9501324-9
; FILING DATE: 10-APR-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US08/522.595
; FILING DATE: 01-SEP-1995
```

ATTORNEY/AGENT INFORMATION:
NAME: Williams, Ph.D., Kathleen A
REGISTRATION NUMBER: 34,380
REFERENCE/DOCKET NUMBER: 3255/53015
TELEPHONE: 617-345-9100
TELEFAX: 617-345-9111
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 24 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
US-08-529-1908-5

Query Match 0.5%; Score 11.2; DB 1; Length 24;
Best Local Similarity 81.2%; Pred. No. 7.8e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 302 TGGAGCTGTGGTGGG 317
Db 6 TGGAGCTGGAGGTGCG 21

RESULT 422
US-08-050-319B-55
; Sequence 55, Application US/08050319B
; Patent No. 5633145
; GENERAL INFORMATION:
; APPLICANT: M. Feldmann, P.W. Gray,
; APPLICANT: M.J.C. Turner, F.M. Brennan
; TITLE OF INVENTION: Modified human TNFalpha (Tumor
; TITLE OF INVENTION: Necrosis Factor alpha) Receptor
; NUMBER OF SEQUENCES: 57
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Reed & Robbins
; STREET: 635 Bryant Street
; CITY: Palo Alto
; STATE: California
; COUNTRY: USA
; ZIP: 94301
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/050,319B
; FILING DATE: 10-May-1993
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Robbins, Roberta L.
; REGISTRATION NUMBER: 33,208
; REFERENCE/DOCKET NUMBER: 5150-0030
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 617-8999
; TELEFAX: (415) 327-3231
; INFORMATION FOR SEQ ID NO: 55:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 12 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-050-319B-55

Query Match 0.5%; Score 11; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 1.7e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 748 GTGTGCACCTG 758
Db 1 GTGTGCACCTG 11

Db 1 GTGTGCACCTG 11

RESULT 423
US-08-465-982-55
; Sequence 55, Application US/08465982
; Patent No. 5863786
; GENERAL INFORMATION:
; APPLICANT: M. Feldmann, P.W. Gray,
; APPLICANT: M.J.C. Turner, F.M. Brennan
; TITLE OF INVENTION: Modified human TNFalpha (Tumor
; TITLE OF INVENTION: Necrosis Factor alpha) Receptor
; NUMBER OF SEQUENCES: 57
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Reed & Robbins
; STREET: 635 Bryant Street
; CITY: Palo Alto
; STATE: California
; COUNTRY: USA
; ZIP: 94301
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/465,982
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/050,319
; FILING DATE: 10-May-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Robbins, Roberta L.
; REGISTRATION NUMBER: 33,208
; REFERENCE/DOCKET NUMBER: 5150-0030
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 617-8999
; TELEFAX: (415) 327-3231
; INFORMATION FOR SEQ ID NO: 55:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 12 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-465-982-55

Query Match 0.5%; Score 11; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 1.7e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 748 GTGTGCACCTG 758
Db 1 GTGTGCACCTG 11

RESULT 424
US-08-487-761-8
; Sequence 8, Application US/08487761
; Patent No. 621866
; GENERAL INFORMATION:
; APPLICANT: Schlensing, Joseph
; APPLICANT: Givol, David
; APPLICANT: Bellot, Françoise
; APPLICANT: Kris, Richard
; APPLICANT: Ricca, George A.
; APPLICANT: Cheadle, Christopher
; APPLICANT: South, Victoria J.
; TITLE OF INVENTION: Monoclonal Antibodies Specific to Human
; TITLE OF INVENTION: Epidermal Growth Factor Receptor and Therapeutic Methods
; NUMBER OF SEQUENCES: 17

CORRESPONDENCE ADDRESS:
ADDRESSEE: Rhone-Poulenc Rorer Inc.
STREET: 500 Arcola Road, 3C43
CITY: Collegeville
STATE: PA
COUNTRY: USA
ZIP: 19426
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: Macintosh
OPERATING SYSTEM: System 7.1
SOFTWARE: Word 5.0 (Patentin)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/487,761
FILING DATE: 07-JUN-1995
CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/086,411
FILING DATE: 29-JUN-1993
ATTORNEY/AGENT INFORMATION:
NAME: Goodman, Rosanne
REGISTRATION NUMBER: 32,534
REFERENCE/DOCKET NUMBER: A0207C-US
TELEPHONE: (215) 454-3817
TELEFAX: (215) 454-3808
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 12 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
US-08-487-761-8

Query Match 0.5%; Score 11; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 1.7e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 759 CCATGCGAGTT 769
DB 2 CCATGCGAGTT 12

RESULT 425
US-08-442-513A-6
Sequence 6, Application US/08442513A
Patent No. 5646031
GENERAL INFORMATION:
APPLICANT: Deyoung, Mary Beth
APPLICANT: Siwkowski, Andrew M.
APPLICANT: Hampel, Arnold E.
TITLE OF INVENTION: METHOD FOR DERIVING RIBOZYMES FROM
NUCLEOTIDE SEQUENCES AND RIBOZYMES DERIVED THEREOF
NUMBER OF SEQUENCES: 19
CORRESPONDENCE ADDRESS:
ADDRESSEE: Kohn & Associates
STREET: 30500 No. 5646031thwestern Hwy., Suite 410
CITY: Farmington Hills
STATE: Michigan
COUNTRY: US
ZIP: 48334
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/442,513A
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Kohn, Kenneth I.

CORRESPONDENCE ADDRESS:
ADDRESSEE: Rhone-Poulenc Rorer Inc.
STREET: 500 Arcola Road, 3C43
CITY: Collegeville
STATE: PA
COUNTRY: USA
ZIP: 19426
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: Macintosh
OPERATING SYSTEM: System 7.1
SOFTWARE: Word 5.0 (Patentin)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/487,761
FILING DATE: 07-JUN-1995
CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/086,411
FILING DATE: 29-JUN-1993
ATTORNEY/AGENT INFORMATION:
NAME: Goodman, Rosanne
REGISTRATION NUMBER: 32,534
REFERENCE/DOCKET NUMBER: A0207C-US
TELEPHONE: (215) 454-3817
TELEFAX: (215) 454-3808
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 12 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
US-08-487-761-8

Query Match 0.5%; Score 11; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 1.7e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 759 CCATGCGAGTT 769
DB 2 CCATGCGAGTT 12

RESULT 425
US-08-442-513A-6
Sequence 6, Application US/08442513A
Patent No. 5646031
GENERAL INFORMATION:
APPLICANT: Deyoung, Mary Beth
APPLICANT: Siwkowski, Andrew M.
APPLICANT: Hampel, Arnold E.
TITLE OF INVENTION: METHOD FOR DERIVING RIBOZYMES FROM
NUCLEOTIDE SEQUENCES AND RIBOZYMES DERIVED THEREOF
NUMBER OF SEQUENCES: 19
CORRESPONDENCE ADDRESS:
ADDRESSEE: Kohn & Associates
STREET: 30500 No. 5646031thwestern Hwy., Suite 410
CITY: Farmington Hills
STATE: Michigan
COUNTRY: US
ZIP: 48334
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/442,513A
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Kohn, Kenneth I.

REGISTRATION NUMBER: 30,995
REFERENCE/DOCKET NUMBER: 2384.00014
TELECOMMUNICATION INFORMATION:
TELEPHONE: (810) 539-5050
TELEFAX: (810) 539-5055
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 14 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "Ribozyme substrate"
US-08-442-513A-6

Query Match 0.5%; Score 11; DB 1; Length 14;
Best Local Similarity 63.6%; Pred. No. 2.7e+02;
Matches 7; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY 886 ACAGTGTCTGTT 896
DB 3 ACAGTGTCTGTT 13

RESULT 426
US-08-465-590-104
Sequence 104, Application US/08465590
Patent No. 5824770
GENERAL INFORMATION:
APPLICANT: Georgopoulos, Katia A.
TITLE OF INVENTION: IKAROS: A T CELL PATHWAY REGULATORY GENE
NUMBER OF SEQUENCES: 164
CORRESPONDENCE ADDRESS:
ADDRESSEE: LAHIVE & COCKFIELD
STREET: 60 STATE STREET, Suite 510
CITY: BOSTON
STATE: MASSACHUSETTS
COUNTRY: USA
ZIP: 02109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Ascii (text)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/465,590
FILING DATE: 05-JUN-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/238,212
FILING DATE: 02-MAY-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/121,438
FILING DATE: 14-SEP-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/946,233
FILING DATE: 14-SEP-1992
ATTORNEY/AGENT INFORMATION:
NAME: Myers, Paul L.
REGISTRATION NUMBER: 35,695
REFERENCE/DOCKET NUMBER: MPG-006C2DV
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617)227-7400
TELEFAX: (617)227-5941
INFORMATION FOR SEQ ID NO: 104:
SEQUENCE CHARACTERISTICS:
LENGTH: 14 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cdna
US-08-465-590-104

Query Match 0.5%; Score 11; DB 1; Length 14;

Best Local Similarity 100.0%; Pred. No. 2.7e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1272 GAAGTGGGAGG 1282
DB 3 GAAGTGGGAGG 13

RESULT 427

US-08-711-417C-104
; Sequence 104, Application US/08711417C
; Patent No. 6228611
; GENERAL INFORMATION:

APPLICANT: Georgopoulos, Katia A.
TITLE OF INVENTION: IKAROS: A T CELL PATHWAY REGULATORY GENE
NUMBER OF SEQUENCES: 202

CORRESPONDENCE ADDRESS:

ADDRESSEE: Fish & Richardson P.C.
STREET: 225 Franklin Street
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02110-2804

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows 95
SOFTWARE: FastSeq for Windows Version 2.0b
CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/711,417C
FILING DATE: 05-Sep-1996
PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/238,212
FILING DATE: 02-MAY-1994
APPLICATION NUMBER: 08/121,438
FILING DATE: 14-SEP-1993
APPLICATION NUMBER: 07/946,233
FILING DATE: 14-SEP-1992

ATTORNEY/AGENT INFORMATION:

NAME: Myers, Louis P.
REGISTRATION NUMBER: 35,965
REFERENCE/DOCKET NUMBER: 10287/007001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617/542-5070
TELEFAX: 617/542-8906
TELEX: 200154

INFORMATION FOR SEQ ID NO: 104:

SEQUENCE CHARACTERISTICS:
LENGTH: 14 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
SEQUENCE DESCRIPTION: SEQ ID NO: 104:
US-08-711-417C-104

Query Match 0.5%; Score 11; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 2.7e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1272 GAAGTGGGAGG 1282
DB 3 GAAGTGGGAGG 13

RESULT 428

US-09-723-909-104
; Sequence 104, Application US/09723909
; Patent No. 6630141
; GENERAL INFORMATION:

APPLICANT: Georgopoulos, Katia A.
TITLE OF INVENTION: IKAROS: A T CELL PATHWAY REGULATORY GENE
NUMBER OF SEQUENCES: 202

CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson P.C.
STREET: 225 Franklin Street
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02110-2804
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows 95
SOFTWARE: FastSeq for Windows Version 2.0b
CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/723,909
FILING DATE: 28-No. 6630141-2000
PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/08/711,417
FILING DATE: 05-Sep-1996
APPLICATION NUMBER: 08/238,212
FILING DATE: 02-MAY-1994
APPLICATION NUMBER: 08/121,438
FILING DATE: 14-SEP-1993
APPLICATION NUMBER: 07/946,233
FILING DATE: 14-SEP-1992

ATTORNEY/AGENT INFORMATION:

NAME: Myers, Louis P.
REGISTRATION NUMBER: 35,965
REFERENCE/DOCKET NUMBER: 10287/007001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617/542-5070
TELEFAX: 617/542-8906
TELEX: 200154

INFORMATION FOR SEQ ID NO: 104:

SEQUENCE CHARACTERISTICS:
LENGTH: 14 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
SEQUENCE DESCRIPTION: SEQ ID NO: 104:
US-09-723-909-104

Query Match 0.5%; Score 11; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 2.7e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1272 GAAGTGGGAGG 1282
DB 3 GAAGTGGGAGG 13

RESULT 429

PCT-US93-08743-104
; Sequence 104, Application PC/TUS9308743
; GENERAL INFORMATION:

APPLICANT:

TITLE OF INVENTION: IKAROS: A T CELL PATHWAY REGULATORY GENE
NUMBER OF SEQUENCES: 152
COMPUTER READABLE FORM: disk
MEDIUM TYPE: Floppy
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US93/08743
PRIOR APPLICATION DATA: US 946,233
APPLICATION NUMBER: US 946,233
FILING DATE: 14-SEP-1992
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617)227-7400
TELEFAX: (617)227-5941
INFORMATION FOR SEQ ID NO: 104:
SEQUENCE CHARACTERISTICS:

LENGTH: 14 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA
PCT-US93-08743-104

Query Match 0.5%; Score 11; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 2.7e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1272 GAAGTGGGAGG 1282
|||||
Db 3 GAAGTGGGAGG 13

RESULT 430

US-07-860-925-24/c
Sequence 24, Application US/07860925
Patent No. 5457189
GENERAL INFORMATION:
APPLICANT: Crooke, Stanley T., Mirabelli,
APPLICANT: Christopher K., Ecker, David J., Cowse, Lex M.
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE
TITLE OF INVENTION: INHIBITION OF PAPILLOMAVIRUS
NUMBER OF SEQUENCES: 30
CORRESPONDENCE ADDRESS:
ADDRESSEE: WOODCOCK WASHBURN KURTZ
ADDRESSEE: MACKIEWICZ & NORRIS
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STATE: Pennsylvania
COUNTRY: USA
ZIP: 19103

COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb
MEDIUM TYPE: STORAGE

COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/860,925
FILING DATE: March 31, 1992

CLASSIFICATION:

PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US90/07067
FILING DATE: December 3, 1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 445,195
FILING DATE: December 4, 1989

ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata, Esquire
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISIS-0285
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3439

INFORMATION FOR SEQ ID NO: 24:

SEQUENCE CHARACTERISTICS:
LENGTH: 15
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
ANTI-SENSE: yes
US-07-860-925-24

Query Match 0.5%; Score 11; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1159 GGTGACTGTCC 1169
|||||
Db 11 GGTGACTGTCC 1

RESULT 431

US-08-311-760A-183/c
Sequence 183, Application US/08311760A
Patent No. 5599706
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: McSwiggen, James
APPLICANT: Newton, Roger S.
APPLICANT: Ramharack, Randy
TITLE OF INVENTION: RIBOZYME TREATMENT OF DISEASES
TITLE OF INVENTION: OR CONDITIONS RELATED TO LEVELS OF
TITLE OF INVENTION: PLASMA LIPOPROTEIN (a) [LP(a)] BY
TITLE OF INVENTION: INHIBITING APOLIPOPROTEIN
TITLE OF INVENTION:
NUMBER OF SEQUENCES: 392

CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon

STREET: 633 West Fifth Street
SUITE: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/311,760A
FILING DATE: September 23, 1994

PRIOR APPLICATION DATA:
APPLICATION NUMBER:

FILING DATE:
ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/155
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440

TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 183:

SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-311-760A-183

Query Match 0.5%; Score 11; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 811 AAGAAAAGCCT 821

|||||
Db 13 AAGAAAAGCCT 3

RESULT 432

US-08-311-760A-184/c
Sequence 184, Application US/08311760A
Patent No. 5599706

GENERAL INFORMATION:

APPLICANT: Stinchcomb, Dan T.

APPLICANT: McSwiggen, James

APPLICANT: Newton, Roger S.

APPLICANT: Ramharack, Randy

TITLE OF INVENTION: RIBOZYME TREATMENT OF DISEASES
TITLE OF INVENTION: OR CONDITIONS RELATED TO LEVELS OF

;; TITLE OF INVENTION: PLASMA LIPOPROTEIN (a) [LP(a)] BY
;; TITLE OF INVENTION: INHIBITING APOLIPOPROTEIN
;; NUMBER OF SEQUENCES: 392
;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: Lyon & Lyon
;; STREET: 633 West Fifth Street
;; STREET: Suite 4700
;; CITY: Los Angeles
;; STATE: California
;; COUNTRY: U.S.A.
;; ZIP: 90071
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
;; MEDIUM TYPE: storage
;; COMPUTER: IBM Compatible
;; OPERATING SYSTEM: IBM P.C. DOS 5.0
;; SOFTWARE: FastSEQ Version 1.5
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/08/311,760A
;; FILING DATE: September 23, 1994
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER:
;; FILING DATE:
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Warburg, Richard
;; REGISTRATION NUMBER: 32,327
;; REFERENCE/DOCKET NUMBER: 208/155
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (213) 489-1600
;; TELEFAX: (213) 955-0440
;; TELEX: 67-3510
;; INFORMATION FOR SEQ ID NO: 184:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 15 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; US-08-311-760A-184

Query Match 0.5%; Score 11; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 811 AAGAAAAGCCT 821
|||
Db 13 AAGAAAAGCCT 3

RESULT 433
US-08-311-760A-185/c
; Sequence 185, Application US/08311760A
; Patent No. 5599706
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: McSwiggen, James
; APPLICANT: Newton, Roger S.
; APPLICANT: Ramharack, Randy
; TITLE OF INVENTION: RIBOZYME TREATMENT OF DISEASES
; TITLE OF INVENTION: OR CONDITIONS RELATED TO LEVELS OF
; TITLE OF INVENTION: PLASMA LIPOPROTEIN (a) [LP(a)] BY
; TITLE OF INVENTION: INHIBITING APOLIPOPROTEIN
; TITLE OF INVENTION:
; NUMBER OF SEQUENCES: 392
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:

;; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
;; MEDIUM TYPE: storage
;; COMPUTER: IBM Compatible
;; OPERATING SYSTEM: IBM P.C. DOS 5.0
;; SOFTWARE: FastSEQ Version 1.5
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/08/311,760A
;; FILING DATE: September 23, 1994
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER:
;; FILING DATE:
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Warburg, Richard
;; REGISTRATION NUMBER: 32,327
;; REFERENCE/DOCKET NUMBER: 208/155
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (213) 489-1600
;; TELEFAX: (213) 955-0440
;; TELEX: 67-3510
;; INFORMATION FOR SEQ ID NO: 185:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 15 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; US-08-311-760A-185

Query Match 0.5%; Score 11; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 811 AAGAAAAGCCT 821
|||
Db 12 AAGAAAAGCCT 2

RESULT 434
US-08-311-760A-186/c
; Sequence 186, Application US/08311760A
; Patent No. 5599706
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: McSwiggen, James
; APPLICANT: Newton, Roger S.
; APPLICANT: Ramharack, Randy
; TITLE OF INVENTION: RIBOZYME TREATMENT OF DISEASES
; TITLE OF INVENTION: OR CONDITIONS RELATED TO LEVELS OF
; TITLE OF INVENTION: PLASMA LIPOPROTEIN (a) [LP(a)] BY
; TITLE OF INVENTION: INHIBITING APOLIPOPROTEIN
; TITLE OF INVENTION:
; NUMBER OF SEQUENCES: 392
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSEQ Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/311,760A
; FILING DATE: September 23, 1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard

REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/155
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 186:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-311-760A-186

Query Match 0.5%; Score 11; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 811 AAGAAAAGCCT 821
DB 11 AAGAAAAGCCT 1

RESULT 435
US-08-319-492B-144/c
Sequence 144, Application US/08319492B
Patent No. 5616488
GENERAL INFORMATION:
APPLICANT: Sullivan, Sean M.
APPLICANT: Draper, Kenneth G.
APPLICANT: McSwiggen, James
APPLICANT: Stinchcomb, Dan T.
TITLE OF INVENTION: RIBOZYME TREATMENT OF DISEASES
TITLE OF INVENTION: OR CONDITIONS RELATED TO LEVELS
TITLE OF INVENTION: OF IL-5
NUMBER OF SEQUENCES: 751
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
FILING DATE: October 7, 1994
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA: including application
PRIOR APPLICATION DATA: described below:
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/276
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 144:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single

US-08-319-492B-144
TOPOLOGY: linear
Query Match 0.5%; Score 11; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 854 AAGATGTTAAG 864
DB 15 AAGATGTTAAG 5

RESULT 436
US-08-334-215-24/c
Sequence 24, Application US/08334215
Patent No. 5681944
GENERAL INFORMATION:
APPLICANT: Crooke, Stanley T., Mirabelli,
APPLICANT: Christopher K., Ecker, David J., Cowseert, Lex M.
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE
TITLE OF INVENTION: INHIBITION OF PAPILLOMAVIRUS
NUMBER OF SEQUENCES: 30
CORRESPONDENCE ADDRESS:
ADDRESSEE: WOODCOCK WASHBURN KURTZ
ADDRESSEE: MACKLEWICZ & NOERIS
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STATE: Pennsylvania
COUNTRY: USA
ZIP: 19103

COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb
MEDIUM TYPE: STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/334,215
FILING DATE: 04-NOV-1994
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 860,925
FILING DATE: March 31, 1992
APPLICATION NUMBER: PCT/US90/07067
FILING DATE: December 3, 1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 445,195
FILING DATE: December 4, 1989
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata, Esquire
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISIS-0285
TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 24:
SEQUENCE CHARACTERISTICS:
LENGTH: 15
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
ANTI-SENSE: yes
US-08-334-215-24

Query Match 0.5%; Score 11; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1159 GGTGACTGTCC 1169
DB 11 GGTGACTGTCC 1

RESULT 437
US-08-774-310-183/c
; Sequence 183, Application US/08774310
; Patent No. 5877022
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Daniel T.
; APPLICANT: McSwiggen, James
; APPLICANT: Newton, Roger S.
; APPLICANT: Ramharack, Randy
; TITLE OF INVENTION: RIBOZYME TREATMENT OF DISEASES
; TITLE OF INVENTION: OR CONDITIONS RELATED TO LEVELS OF
; TITLE OF INVENTION: PLASMA LIPOPROTEIN (a) [LP(a)] BY
; TITLE OF INVENTION: INHIBITING APOLIPOPROTEIN
; NUMBER OF SEQUENCES: 392
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; STATE: Los Angeles
; COUNTRY: California
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSEQ Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/774,310
; FILING DATE: December 23, 1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/311,760
; FILING DATE: September 23, 1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 223/229
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 183:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-774-310-183
Query Match 0.5%; Score 11; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 811 AAGAAAAGCCT 821
Db 13 AAGAAAAGCCT 3
RESULT 438
US-08-774-310-184/c
; Sequence 184, Application US/08774310
; Patent No. 5877022
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Daniel T.
; APPLICANT: McSwiggen, James
; APPLICANT: Newton, Roger S.
; APPLICANT: Ramharack, Randy
; TITLE OF INVENTION: RIBOZYME TREATMENT OF DISEASES
; TITLE OF INVENTION: OR CONDITIONS RELATED TO LEVELS OF
; TITLE OF INVENTION: PLASMA LIPOPROTEIN (a) [LP(a)] BY
; TITLE OF INVENTION: INHIBITING APOLIPOPROTEIN

; TITLE OF INVENTION:
; NUMBER OF SEQUENCES: 392
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; STATE: Los Angeles
; COUNTRY: California
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSEQ Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/774,310
; FILING DATE: December 23, 1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/311,760
; FILING DATE: September 23, 1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 223/229
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 184:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-774-310-184
Query Match 0.5%; Score 11; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 811 AAGAAAAGCCT 821
Db 13 AAGAAAAGCCT 3
RESULT 439
US-08-774-310-185/c
; Sequence 185, Application US/08774310
; Patent No. 5877022
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Daniel T.
; APPLICANT: McSwiggen, James
; APPLICANT: Newton, Roger S.
; APPLICANT: Ramharack, Randy
; TITLE OF INVENTION: RIBOZYME TREATMENT OF DISEASES
; TITLE OF INVENTION: OR CONDITIONS RELATED TO LEVELS OF
; TITLE OF INVENTION: PLASMA LIPOPROTEIN (a) [LP(a)] BY
; TITLE OF INVENTION: INHIBITING APOLIPOPROTEIN
; NUMBER OF SEQUENCES: 392
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; STATE: Los Angeles
; COUNTRY: California
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage


```
/
/ COMPUTER: IBM Compatible
/ OPERATING SYSTEM: IBM P.C. DOS 5.0
/ SOFTWARE: FastSeq Version 1.5
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/774.310
/ FILING DATE: December 23, 1996
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 08/311,760
/ FILING DATE: September 23, 1994
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Warburg, Richard
/ REGISTRATION NUMBER: 32,327
/ REFERENCE/DOCKET NUMBER: 223/229
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (213) 489-1600
/ TELEFAX: (213) 955-0440
/ TELEX: 67-3510
/ INFORMATION FOR SEQ ID NO: 185:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 15 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ US-08-774-310-185

Query Match 0.5%; Score 11; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 811 AAGAAAAGCCT 821
Db 12 AAGAAAAGCCT 2

RESULT 440
US-08-774-310-186/c
/ Sequence 186, Application US/08774310
/ Patent No. 5877022
/ GENERAL INFORMATION:
/ APPLICANT: Stinchcomb, Daniel T.
/ APPLICANT: McSwiggen, James
/ APPLICANT: Newton, Roger S.
/ APPLICANT: Ramharack, Randy
/ TITLE OF INVENTION: RIBOZYME TREATMENT OF DISEASES
/ TITLE OF INVENTION: OR CONDITIONS RELATED TO LEVELS OF
/ TITLE OF INVENTION: PLASMA LIPOPROTEIN (a) [LP(a)] BY
/ TITLE OF INVENTION: INHIBITING APOLIPOPROTEIN
/ NUMBER OF SEQUENCES: 392
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Lyon & Lyon
/ STREET: 633 West Fifth Street
/ CITY: Los Angeles
/ STATE: California
/ COUNTRY: U.S.A.
/ ZIP: 90071
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
/ MEDIUM TYPE: storage
/ COMPUTER: IBM Compatible
/ OPERATING SYSTEM: IBM P.C. DOS 5.0
/ SOFTWARE: FastSeq Version 1.5
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/774.310
/ FILING DATE: December 23, 1996
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 08/311,760
/ FILING DATE: September 23, 1994
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Warburg, Richard
/ REGISTRATION NUMBER: 32,327
/ REFERENCE/DOCKET NUMBER: 223/229
```

```
/
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (213) 489-1600
/ TELEFAX: (213) 955-0440
/ TELEX: 67-3510
/ INFORMATION FOR SEQ ID NO: 186:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 15 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ US-08-774-310-186

Query Match 0.5%; Score 11; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 811 AAGAAAAGCCT 821
Db 11 AAGAAAAGCCT 1

RESULT 441
5182195-60
/ Patent No. 5182195
/ APPLICANT: NAKAHAMA, KAZUO;KAISHO, YOSHIHIKO;YOSHIMURA, KOJI
/ TITLE OF INVENTION: METHOD FOR INCREASING USING PROTEASE
/ DEFICIENT YEASTS
/ NUMBER OF SEQUENCES: 71
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/269,140
/ FILING DATE: 09-NOV-1998
/ SEQ ID NO:60:
/ LENGTH: 15
/ 5182195-60

Query Match 0.5%; Score 11; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 732 GGAGAAACAGA 742
Db 2 GGAGAAACAGA 12

RESULT 442
US-09-422-978-7262
/ Sequence 7262, Application US/09422978
/ Patent No. 6537751
/ GENERAL INFORMATION:
/ APPLICANT: Cohen, Daniel
/ APPLICANT: Blumenfeld, Marta
/ APPLICANT: Chumakov, Ilya
/ TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
/ FILE REFERENCE: GENSET.020CP1
/ CURRENT APPLICATION NUMBER: US/09/422,978
/ CURRENT FILING DATE: 1999-10-20
/ EARLIER APPLICATION NUMBER: US 09/298,850
/ EARLIER FILING DATE: 1999-04-21
/ EARLIER APPLICATION NUMBER: US 60/109,732
/ EARLIER FILING DATE: 1998-11-23
/ EARLIER APPLICATION NUMBER: US 60/082,614
/ EARLIER FILING DATE: 1998-04-21
/ NUMBER OF SEQ ID NOS: 11796
/ SEQ ID NO 7262
/ LENGTH: 19
/ TYPE: DNA
/ ORGANISM: Homo Sapiens
/ FEATURE:
/ NAME/KEY: primer_bind
/ LOCATION: 1..19
/ OTHER INFORMATION: upstream amplification primer 99-3335 for SEQ 3328,
/ US-09-422-978-7262
```

```
Query Match 0.5%; Score 11; DB 1; Length 19;
Best Local Similarity 73.7%; Pred. No. 6e+02;
Matches 14; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 107 TGATCTCTATGCCGAGTC 125
   ||||| ||||| ||||| |||||
Db 1 TGTCTCAGTCGCTTGTGC 19

RESULT 443
US-08-303-004-21
; Sequence 21, Application US/08303004
; Patent No. 5556955
; GENERAL INFORMATION:
; APPLICANT: Vergnaud, Gilles
; TITLE OF INVENTION: Process for Detection of New Polymor-
; TITLE OF INVENTION: phic Loci in an ADN Sequence, Nucleotide Sequences Forming
; TITLE OF INVENTION: Hybridisation Probes and Their Biological Applications
; NUMBER OF SEQUENCES: 38
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Oliff & Berridge
; STREET: P.O. Box 19928
; CITY: Alexandria
; STATE: Virginia
; COUNTRY: U.S.A
; ZIP: 22320
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/303,004
; FILING DATE:
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/07/931,311B
; FILING DATE: 19920818
; ATTORNEY/AGENT INFORMATION:
; NAME: Berridge, William P.
; REGISTRATION NUMBER: 30,024
; REFERENCE/DOCKET NUMBER: WPB 28264
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703) 836-6400
; TELEX: 90-1799 PTO ALEX
; INFORMATION FOR SEQ ID NO: 21:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; TOPOLOGY: linear
; STRANDEDNESS: single
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
US-08-303-004-21

Query Match 0.5%; Score 10.8; DB 1; Length 14;
Best Local Similarity 85.7%; Pred. No. 3.1e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1013 CTGAAAGAGGGG 1026
   ||||| ||||| |||||
Db 1 CTGAAACGATGGG 14

RESULT 444
US-08-442-513A-17
; Sequence 17, Application US/08442513A
; Patent No. 5646031
; GENERAL INFORMATION:
; APPLICANT: DeYoung, Mary Beth
; APPLICANT: Siwkowski, Andrew M.
```

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; APPLICANT: Hampel, Arnold E.
; TITLE OF INVENTION: METHOD FOR DERIVING RIBOZYMES FROM
; TITLE OF INVENTION: NUCLEOTIDE SEQUENCES AND RIBOZYMES DERIVED THEREOF
; NUMBER OF SEQUENCES: 19
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Kohn & Associates
; STREET: 30500 No. 5646031thwestern Hwy., Suite 410
; CITY: Farmington Hills
; STATE: Michigan
; COUNTRY: US
; ZIP: 48334
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/442,513A
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Kohn, Kenneth I.
; REGISTRATION NUMBER: 30,995
; REFERENCE/DOCKET NUMBER: 2384.00014
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (810) 539-5050
; TELEFAX: (810) 539-5055
; INFORMATION FOR SEQ ID NO: 17:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "Ribozyme substrate"
US-08-442-513A-17

Query Match 0.5%; Score 10.8; DB 1; Length 14;
Best Local Similarity 57.1%; Pred. No. 3.1e+02;
Matches 8; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 884 CCACAGTGTGTG 897
   ||||| |||||
Db 1 CCGCAGUACUGUG 14

RESULT 445
US-08-173-489C-324/C
; Sequence 324, Application US/08173489C
; Patent No. 5861244
; GENERAL INFORMATION:
; APPLICANT: WANG, C. -G.
; APPLICANT: HEPBURN, A. G.
; TITLE OF INVENTION: GENETIC SEQUENCE ASSAY USING DNA
; TITLE OF INVENTION: TRIPLE-STRAND FORMATION.
; NUMBER OF SEQUENCES: 365
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: PROFILE DIAGNOSTIC SCIENCES, INC.,
; STREET: 510 EAST 73RD STREET,
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10021.
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch, 1.44Mb storage
; COMPUTER: IBM PC/XT/AT
; OPERATING SYSTEM: MS-DOS version 6.2
; SOFTWARE: Wordperfect Version 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/173,489C
; FILING DATE: 22 DEC 1993
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
```

```

; APPLICATION NUMBER: US 07/968,436
; FILING DATE: 29 OCT 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Handelman, Joseph H.
; REGISTRATION NUMBER: 26,179
; REFERENCE/DOCKET NUMBER: U9518-6
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (attorney) (212) 708-1880
; TELEFAX: (attorney) (212) 246-8959
; INFORMATION FOR SEQ ID NO: 324:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 bases
; TYPE: nucleic acid
; STRANDEDNESS: single stranded
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: third strand derived from M.
; DESCRIPTION: paratuberculosis 16s region in Seq ID No. 5861244323
; HYPOTHETICAL: yes
; ANTI-SENSE: no
; PUBLICATION INFORMATION:
; RELEVANT RESIDUES IN SEQ ID NO: 324 :FROM 1 TO 14
US-08-173-489C-324

Query Match      0.5%; Score 10.8; DB 1; Length 14;
Best Local Similarity 85.7%; Pred. No. 3.1e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1015 GAAGAAGAGCGGGA 1028
      ||| ||||| |||
Db      14 GAAGAAGAGCGGGA 1

RESULT 446
US-08-985-162-1842
; Sequence 1842, Application US/08985162
; Patent No. 6057156
; GENERAL INFORMATION:
; APPLICANT: Akhtar, Saghir
; APPLICANT: Fell, Patricia
; APPLICANT: McSwigen, James
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
; TITLE OF INVENTION: FACTOR RECEPTORS
; NUMBER OF SEQUENCES: 1877
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 533 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/985,162
; FILING DATE: 04 December 1997
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/036,476
; FILING DATE: 31 January 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 230/107
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600

```

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; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1842:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-985-162-1842

Query Match      0.5%; Score 10.8; DB 1; Length 14;
Best Local Similarity 78.6%; Pred. No. 3.1e+02;
Matches 11; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY      1232 CGACAGCCCTCGCC 1245
      ||||| |||
Db      1 CGACAGCCCTCGCC 14

RESULT 447
US-08-913-833-89/c
; Sequence 89, Application US/08913833
; Patent No. 6087093
; GENERAL INFORMATION:
; APPLICANT: STUYVER, LIEVEN
; APPLICANT: LOUWAGIE, JOOST
; APPLICANT: ROSSAU, RUDI
; TITLE OF INVENTION: METHOD FOR DETECTION OF DRUG-INDUCED
; TITLE OF INVENTION: MUTATIONS IN THE REVERSE TRANSCRIPTASE GENE
; NUMBER OF SEQUENCES: 164
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: ARNOLD, WHITE & DURKEE
; STREET: P.O. BOX 4433
; CITY: HOUSTON
; STATE: TEXAS
; COUNTRY: USA
; ZIP: 77210-4433
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Microsoft Word 6.0 / ASCII text output
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/913,833
; FILING DATE: 15 Sep 1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/EP97/00211
; FILING DATE: 17 Jan 1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP 96870005.4
; FILING DATE: 26 Jan 1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP 96870081.5
; FILING DATE: 25 Jun 1996
; ATTORNEY/AGENT INFORMATION:
; NAME: KAMMERER, PATRICIA A.
; REGISTRATION NUMBER: 29,775
; REFERENCE/DOCKET NUMBER: INNS:008
; INFORMATION FOR SEQ ID NO: 89:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
US-08-913-833-89

Query Match      0.5%; Score 10.8; DB 1; Length 14;
Best Local Similarity 85.7%; Pred. No. 3.1e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

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```
Qy 793 GTCTCTGTAGTAA 806
    ||||| |||||
Db 14 GTCTGGTGTAGTAA 1

RESULT 448
US-08-913-833-129
; Sequence 129, Application US/08913833
; Patent No. 6087093
; GENERAL INFORMATION:
; APPLICANT: STUYVER, LIEVEN
; APPLICANT: LOUWAGIE, JOOST
; APPLICANT: ROSAU, RUDI
; TITLE OF INVENTION: METHOD FOR DETECTION OF DRUG-INDUCED
; MUTATIONS IN THE REVERSE TRANSCRIPTASE GENE
; NUMBER OF SEQUENCES: 164
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: ARNOLD, WHITE & DURKEE
; STREET: P.O. BOX 4433
; CITY: HOUSTON
; STATE: TEXAS
; COUNTRY: USA
; ZIP: 77210-4433
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Microsoft Word 6.0 / ASCII text output
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/913,833
; FILING DATE: 15 Sep 1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/EP97/00211
; FILING DATE: 17 Jan 1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP 96870005.4
; FILING DATE: 26 Jan 1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP 96870081.5
; FILING DATE: 25 Jun 1996
; ATTORNEY/AGENT INFORMATION:
; NAME: KAMMERER, PATRICIA A.
; REGISTRATION NUMBER: 29,775
; REFERENCE/DOCKET NUMBER: INNS:008
; INFORMATION FOR SEQ ID NO: 129:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
US-08-913-833-129

Query Match 0.5%; Score 10.8; DB 1; Length 14;
Best Local Similarity 85.7%; Pred. No. 3.1e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1212 GGGGGCTGACCCCA 1225
    ||||| |||||
Db 1 GGGGGCTTACCACA 14

RESULT 449
US-08-765-340-101/c
; Sequence 101, Application US/08765340
; Patent No. 6150092
; GENERAL INFORMATION:
; APPLICANT: UCHIDA, K.,
; APPLICANT: UCHIDA, T.,
; APPLICANT: TANAKA, Y.,
; APPLICANT: MATSUDA, Y.,
```

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; APPLICANT: KONDO, S.
; TITLE OF INVENTION: AN ANTISENSE NUCLEIC ACID
; TITLE OF INVENTION: COMPOUND
; NUMBER OF SEQUENCES: 185
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORGAN & FINNEGAN, L.L.P.
; STREET: 345 PARK AVENUE
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10154
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version
; SOFTWARE: #1.30 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/765,340
; FILING DATE: 23-DEC-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: JP 145146/94
; FILING DATE: 27-JUN-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: JP 311130/94
; FILING DATE: 21-NOV-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: SERUNIAN, LESLIE
; REGISTRATION NUMBER: 35,353
; REFERENCE/DOCKET NUMBER: 1452-4005
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 758-4800
; TELEFAX: (212) 751-6849
; INFORMATION FOR SEQ ID NO: 101:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "synthetic DNA"
US-08-765-340-101

Query Match 0.5%; Score 10.8; DB 1; Length 14;
Best Local Similarity 85.7%; Pred. No. 3.1e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1243 GCCTCCGACCCCAT 1256
    ||||| |||||
Db 14 GCCTCCGAACCAT 1

RESULT 450
US-08-793-660B-22/c
; Sequence 22, Application US/08793660B
; Patent No. 6214614
; GENERAL INFORMATION:
; APPLICANT: MULLER, ROLF
; TITLE OF INVENTION: CELL CYCLE REGULATED REPRESSOR
; TITLE OF INVENTION: AND DNA ELEMENT
; NUMBER OF SEQUENCES: 25
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: DIKE, BRONSTEIN, ROBERTS & CUSHMAN, LLP
; STREET: 130 Water Street
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
```

```

; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/793,660B
; FILING DATE: 09-SEP-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 96/06943
; FILING DATE: 07-MAR-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 95/06466
; FILING DATE: 29-MAR-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 94/117366
; FILING DATE: 26-AUG-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Lowen, Cara Z.
; REGISTRATION NUMBER: 38,227
; REFERENCE/DOCKET NUMBER: 47211
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-523-3400
; TELEFAX: 617-523-6440
; INFORMATION FOR SEQ ID NO: 22:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
US-08-793-660B-22

Query Match 0.5%; Score 10.8; DB 1; Length 14;
Best Local Similarity 85.7%; Pred. No. 3.1e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1227 CCTTCCGACAGCCC 1240
DB 14 CCTTCCGACAGCCC 1

RESULT 451
US-09-580-794C-89/C
; Sequence 89, Application US/09580794C
; Patent No. 6331389
; GENERAL INFORMATION:
; APPLICANT: Stuyver, Lieven
; APPLICANT: Rousseau, Joost
; TITLE OF INVENTION: METHOD FOR DETECTION OF DRUG-INDUCED MUTATIONS IN THE REVERSE
; FILE REFERENCE: INNS008--2
; CURRENT APPLICATION NUMBER: US/09/580,794C
; PRIOR FILING DATE: 2000-05-30
; PRIOR APPLICATION NUMBER: 08/913,833 now US/6,087,093
; PRIOR FILING DATE: 1997-09-15
; PRIOR APPLICATION NUMBER: PCT/EP 97/00211
; TITLE OF INVENTION: TRANSCRIPTASE GENE
; CURRENT FILING DATE: 1997-01-17
; FILE REFERENCE: ASHER=2
; CURRENT APPLICATION NUMBER: US/09/257,503A
; PRIOR FILING DATE: 1999-02-25
; PRIOR APPLICATION NUMBER: PCT/IL97/00282
; PRIOR FILING DATE: 1997-08-26
; PRIOR APPLICATION NUMBER: IL119135
; PRIOR FILING DATE: 1996-08-26
; PRIOR APPLICATION NUMBER: IL120466
; PRIOR FILING DATE: 1997-03-17
; NUMBER OF SEQ ID NOS: 164
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 89
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Primer
US-09-580-794C-89

Query Match 0.5%; Score 10.8; DB 1; Length 14;
Best Local Similarity 85.7%; Pred. No. 3.1e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 793 GTCTCCTGTAGTAA 806
DB 14 GTCTCCTGTAGTAA 806

RESULT 452
US-09-580-794C-129
; Sequence 129, Application US/09580794C
; Patent No. 6331389
; GENERAL INFORMATION:
; APPLICANT: Stuyver, Lieven
; APPLICANT: Louwagie, Joost
; TITLE OF INVENTION: METHOD FOR DETECTION OF DRUG-INDUCED MUTATIONS IN THE REVERSE
; FILE REFERENCE: INNS008--2
; CURRENT APPLICATION NUMBER: US/09/580,794C
; PRIOR FILING DATE: 2000-05-30
; PRIOR APPLICATION NUMBER: 08/913,833 now US/6,087,093
; PRIOR FILING DATE: 1997-09-15
; PRIOR APPLICATION NUMBER: PCT/EP 97/00211
; TITLE OF INVENTION: TRANSCRIPTASE GENE
; CURRENT FILING DATE: 1997-01-17
; FILE REFERENCE: ASHER=2
; CURRENT APPLICATION NUMBER: US/09/257,503A
; PRIOR FILING DATE: 1999-02-25
; PRIOR APPLICATION NUMBER: PCT/IL97/00282
; PRIOR FILING DATE: 1997-08-26
; PRIOR APPLICATION NUMBER: IL119135
; PRIOR FILING DATE: 1996-08-26
; PRIOR APPLICATION NUMBER: IL120466
; PRIOR FILING DATE: 1997-03-17
; NUMBER OF SEQ ID NOS: 39
; SOFTWARE: Patent in Ver. 2.1
; SEQ ID NO 5
; LENGTH: 14
; TYPE: RNA
; ORGANISM: Humanus
US-09-257-503A-5

Query Match 0.5%; Score 10.8; DB 1; Length 14;
Best Local Similarity 71.4%; Pred. No. 3.1e+02;
Matches 10; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 1212 GGGGGCTGACCCCA 1225
DB 1 GGGGGCTTACCACA 14

RESULT 453
US-09-257-503A-5
; Sequence 5, Application US/09257503A
; Patent No. 6387617
; GENERAL INFORMATION:
; APPLICANT: ASHER, Nathan
; APPLICANT: TIHOCHINSKY, Yaron
; APPLICANT: ELLINGTON, Andy
; TITLE OF INVENTION: CATALYTIC NUCLEIC ACID AND ITS MEDICAL USE
; FILE REFERENCE: ASHER=2
; CURRENT APPLICATION NUMBER: US/09/257,503A
; CURRENT FILING DATE: 1999-02-25
; PRIOR FILING DATE: 1997-08-26
; PRIOR APPLICATION NUMBER: IL119135
; PRIOR FILING DATE: 1996-08-26
; PRIOR APPLICATION NUMBER: IL120466
; PRIOR FILING DATE: 1997-03-17
; NUMBER OF SEQ ID NOS: 39
; SOFTWARE: Patent in Ver. 2.1
; SEQ ID NO 5
; LENGTH: 14
; TYPE: RNA
; ORGANISM: Humanus
US-09-257-503A-5

Query Match 0.5%; Score 10.8; DB 1; Length 14;
Best Local Similarity 71.4%; Pred. No. 3.1e+02;
Matches 10; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 793 GTCTCCTGTAGTAA 806
DB 14 GTCTCCTGTAGTAA 806
```

QY 1214 GGGGTGACCCCATC 1227
|||:|||||:|
Db 1 GGGGUGACCCGAUC 14

RESULT 454

US-09-401-063-1842
; Sequence 1842, Application US/09401063
; Patent No. 6623962

; GENERAL INFORMATION:

; APPLICANT: Akhtar, Saghir

; APPLICANT: Fell, Patricia

; APPLICANT: McSwiggan, James

; TITLE OF INVENTION: ENZYMIC NUCLEIC ACID TREATMENT

; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED

; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH

; TITLE OF INVENTION: FACTOR RECEPTORS

; NUMBER OF SEQUENCES: 1877

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Lyon & Lyon

; STREET: 633 West Fifth Street

; CITY: Suite 4700

; STATE: Los Angeles

; COUNTRY: California

; ZIP: U.S.A.

; ZIP: 90071-2066

; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

; MEDIUM TYPE: storage

; COMPUTER: IBM Compatible

; OPERATING SYSTEM: IBM P.C. DOS 5.0

; SOFTWARE: FASTSEQ for Windows 2.0

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/09/401.063

; FILING DATE:

; CLASSIFICATION:

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 08/985,162

; FILING DATE: 04 December 1997

; APPLICATION NUMBER: 60/036,476

; FILING DATE: 31 January 1997

; ATTORNEY/AGENT INFORMATION:

; NAME: Warburg, Richard J.

; REGISTRATION NUMBER: 32,327

; REFERENCE/DOCKET NUMBER: 230/107

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (213) 489-1600

; TELEFAX: (213) 955-0440

; TELEFAX: 67-3510

; INFORMATION FOR SEQ ID NO: 1842:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 14 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

US-09-401-063-1842

Query Match 0.5%; Score 10.8; DB 1; Length 14;

Best Local Similarity 78.6%; Pred. No. 3.1e+02;

Matches 11; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 1232 CGACAGCCCTCGCC 1245

|||||:|||||:|

Db 1 CGACAGCCCGGCC 14

RESULT 455

5219727-63

; Patent No. 5219727

; APPLICANT: WANG, ALICE M.; DOYLE, MICHAEL V.; MARK, DAVID F.

; TITLE OF INVENTION: QUANTIFICATION OF NUCLEIC ACIDS USING THE

; POLYMERASE CHAIN REACTION

; NUMBER OF SEQUENCES: 64
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/413,623
; FILING DATE: 28-SEP-1989
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 396,986
; FILING DATE: 21-AUG-1989
; SEQ ID NO: 63:
; LENGTH: 14
5219727-63

Query Match 0.5%; Score 10.8; DB 1; Length 14;

Best Local Similarity 85.7%; Pred. No. 3.1e+02;

Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1274 AGTGGGAGGACAGC 1287

|||||:|||||:|

Db 1 AGTGGGAGGACATC 14

RESULT 456

US-09-054-832-37

; Sequence 37, Application US/09054832

; Patent No. 6312894

; GENERAL INFORMATION:

; APPLICANT: Meyer, Rich

; TITLE OF INVENTION: IMPROVED HYBRIDIZATION AND

; TITLE OF INVENTION: MISMATCH DISCRIMINATION USING OLIGONUCLEOTIDES

; NUMBER OF SEQUENCES: 40

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: MORRISON & FOERSTER

; STREET: 755 PAGE MILL ROAD

; CITY: PALO ALTO

; STATE: CA

; COUNTRY: USA

; ZIP: 94304-1018

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Diskette

; COMPUTER: IBM Compatible

; OPERATING SYSTEM: Windows

; SOFTWARE: FASTSEQ for Windows Version 2.0b

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/09/054,832

; FILING DATE:

; CLASSIFICATION:

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 08/415,370

; FILING DATE: 03-APR-1995

; ATTORNEY/AGENT INFORMATION:

; NAME: Brennan, Sean M

; REGISTRATION NUMBER: 39,917

; REFERENCE/DOCKET NUMBER: 34469-20004.20

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: 650-813-5600

; TELEFAX: 650-494-0792

; TELEX: 706141

; INFORMATION FOR SEQ ID NO: 37:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 14 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

US-09-054-832-37

Query Match 0.5%; Score 10.8; DB 1; Length 14;

Best Local Similarity 85.7%; Pred. No. 3.1e+02;

Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1970 TTTTGTGTTTGT 1983

|||||:|||||:|

Db 1 TTTTGTGTTTGT 14

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RESULT 457
US-09-640-953-37
; Sequence 37, Application US/09640953
; Patent No. 6492346
; GENERAL INFORMATION:
; APPLICANT: Meyer, Rich
; TITLE OF INVENTION: IMPROVED HYBRIDIZATION AND
; MISMATCH DISCRIMINATION USING OLIGONUCLEOTIDES
; CONJUGATED TO MINOR GROOVE BINDERS
; NUMBER OF SEQUENCES: 40
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORRISON & FOERSTER
; STREET: 755 PAGE MILL ROAD
; CITY: PALO ALTO
; STATE: CA
; COUNTRY: USA
; ZIP: 94304-1018
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: Windows
; SOFTWARE: FASTSEQ for Windows Version 2.0b
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/640,953
; FILING DATE: 16-AUG-2000
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/054,832
; FILING DATE: 03-APR-1998
; APPLICATION NUMBER: 08/415,370
; FILING DATE: 03-APR-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Brennan, Sean M
; REGISTRATION NUMBER: 39,917
; REFERENCE/DOCKET NUMBER: 34469-20004.20
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 650-813-5600
; TELEFAX: 650-494-0792
; TELEX: 706141
; INFORMATION FOR SEQ ID NO: 37:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 37:
US-09-640-953-37

Query Match 0.5%; Score 10.8; DB 1; Length 14;
Best Local Similarity 85.7%; Pred. No. 3.1e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1970 TTTTGTGTTTGT 1983
Db 1 TTTGTACTGTTT 14

RESULT 458
US-07-905-040-1/c
; Sequence 1, Application US/07905040
; Patent No. 5256542
; GENERAL INFORMATION:
; APPLICANT: Chang, Tse Wen
; TITLE OF INVENTION: Method for selecting low frequency
; antigen-specific single B
; NUMBER OF SEQUENCES: 16
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Tanox Biosystems, Inc.
; STREET: 10301 Stella Link Rd.
; CITY: Houston
; STATE: Texas
; COUNTRY: USA
; ZIP: 77025
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.5 inch
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: DOS 3.30
; SOFTWARE: Wordperfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/021,619
; FILING DATE: 19930217
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/07/905,040
; FILING DATE: 26 JUN 1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/07/848,249
; FILING DATE: 03/09/1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Mirabel, Eric P.
; REGISTRATION NUMBER: 31,211
; REFERENCE/DOCKET NUMBER: TNX92-2A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (713) 664-2288
; TELEFAX: (713) 664-8914

MEDIUM TYPE: Diskette, 3.5 inch
COMPUTER: IBM PS/2
OPERATING SYSTEM: DOS 3.30
SOFTWARE: Wordperfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/905,040
FILING DATE: 19920628
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/848,249
FILING DATE: 03/09/1992
ATTORNEY/AGENT INFORMATION:
NAME: Mirabel, Eric P.
REGISTRATION NUMBER: 31,211
REFERENCE/DOCKET NUMBER: TNX92-2A
TELECOMMUNICATION INFORMATION:
TELEPHONE: (713) 664-2288
TELEFAX: (713) 664-8914

Query Match 0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1137 CTCACGCTCCACCT 1150
Db 15 CACCAGCTGCACCT 2

RESULT 459
US-08-021-619-1/c
; Sequence 1, Application US/08021619
; Patent No. 5326696
; GENERAL INFORMATION:
; APPLICANT: Chang, Tse Wen
; TITLE OF INVENTION: Method for selecting low frequency
; antigen-specific single B lymphocytes
; NUMBER OF SEQUENCES: 16
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Tanox Biosystems, Inc.
; STREET: 10301 Stella Link Rd.
; CITY: Houston
; STATE: Texas
; COUNTRY: USA
; ZIP: 77025
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.5 inch
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: DOS 3.30
; SOFTWARE: Wordperfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/021,619
; FILING DATE: 19930217
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/07/905,040
; FILING DATE: 26 JUN 1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/07/848,249
; FILING DATE: 03/09/1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Mirabel, Eric P.
; REGISTRATION NUMBER: 31,211
; REFERENCE/DOCKET NUMBER: TNX92-2A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (713) 664-2288
; TELEFAX: (713) 664-8914

MEDIUM TYPE: Diskette, 3.5 inch
COMPUTER: IBM PS/2
OPERATING SYSTEM: DOS 3.30
SOFTWARE: Wordperfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/905,040
FILING DATE: 19920628
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/848,249
FILING DATE: 03/09/1992
ATTORNEY/AGENT INFORMATION:
NAME: Mirabel, Eric P.
REGISTRATION NUMBER: 31,211
REFERENCE/DOCKET NUMBER: TNX92-2A
TELECOMMUNICATION INFORMATION:
TELEPHONE: (713) 664-2288
TELEFAX: (713) 664-8914

Query Match 0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1137 CTCACGCTCCACCT 1150
Db 15 CACCAGCTGCACCT 2
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INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 nucleotides
TYPE: NUCLEIC ACID
STRANDEDNESS: Single stranded
TOPOLOGY: Linear
US-08-021-619-1

Query Match 0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1137 CTCAGCTCACCT 1150
Db 15 CACCAGCTGCACCT 2

RESULT 460
US-08-142-785-7
; Sequence 7, Application US/08142785
; Patent No. 5434257
; GENERAL INFORMATION:
; APPLICANT: MATTEUCCI, MARK D.
; TITLE OF INVENTION: BINDING COMPETENT OLIGOMERS CONTAINING
; TYPE OF INVENTION: UNSATURATED 3',5' AND 2',5' LINKAGES
; NUMBER OF SEQUENCES: 13
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: GILEAD SCIENCES
; STREET: 353 Lakeside Drive
; CITY: Foster City
; STATE: California
; COUNTRY: USA
; ZIP: 94404

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
FILING DATE: 26-OCT-1993
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: MUENCHAU, DARYL D.
REGISTRATION NUMBER: 36,616
REFERENCE/DOCKET NUMBER: 169.2
TELEPHONE: (415) 574-3000
TELEFAX: (415) 578-9264
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-142-785-7

Query Match 0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1016 AAAAAGAGGGGAG 1029
Db 1 AAAAAGAGAGAGAG 14

RESULT 461
US-08-142-785-8
; Sequence 8, Application US/08142785
; Patent No. 5434257
; GENERAL INFORMATION:
; APPLICANT: MATTEUCCI, MARK D.

APPLICANT: CAO, XIAODONG
TITLE OF INVENTION: BINDING COMPETENT OLIGOMERS CONTAINING
TYPE OF INVENTION: UNSATURATED 3',5' AND 2',5' LINKAGES
NUMBER OF SEQUENCES: 13
CORRESPONDENCE ADDRESS:
ADDRESSEE: GILEAD SCIENCES
STREET: 353 Lakeside Drive
CITY: Foster City
STATE: California
COUNTRY: USA
ZIP: 94404
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
FILING DATE: 26-OCT-1993
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: MUENCHAU, DARYL D.
REGISTRATION NUMBER: 36,616
REFERENCE/DOCKET NUMBER: 169.2
TELEPHONE: (415) 574-3000
TELEFAX: (415) 578-9264
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-142-785-8

Query Match 0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1016 AAAAAGAGGGGAG 1029
Db 1 AAAAAGAGAGAGAG 14

RESULT 462
US-08-142-785-9/c
; Sequence 9, Application US/08142785
; Patent No. 5434257
; GENERAL INFORMATION:
; APPLICANT: MATTEUCCI, MARK D.
; TITLE OF INVENTION: BINDING COMPETENT OLIGOMERS CONTAINING
; TYPE OF INVENTION: UNSATURATED 3',5' AND 2',5' LINKAGES
; NUMBER OF SEQUENCES: 13
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: GILEAD SCIENCES
; STREET: 353 Lakeside Drive
; CITY: Foster City
; STATE: California
; COUNTRY: USA
; ZIP: 94404
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
FILING DATE: 26-OCT-1993
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: MUENCHAU, DARYL D.
REGISTRATION NUMBER: 36,616


```
; REFERENCE/DOCKET NUMBER: 169.2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 574-3000
; TELEFAX: (415) 578-9264
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-142-785-9
Query Match 0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1016 AAAAAGAGGGGAG 1029
Db 15 AAAAAGAGAGAGAG 2

RESULT 463
US-08-142-785-10/c
; Sequence 10, Application US/08142785
; Patent No. 5434257
; GENERAL INFORMATION:
; APPLICANT: MATTEUCCI, MARK D.
; APPLICANT: CAO, XIAODONG
; TITLE OF INVENTION: BINDING COMPETENT OLIGOMERS CONTAINING
; TITLE OF INVENTION: UNSATURATED 3',5' AND 2',5' LINKAGES
; NUMBER OF SEQUENCES: 13
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: GILEAD SCIENCES
; STREET: 353 Lakeside Drive
; CITY: Foster City
; STATE: California
; COUNTRY: USA
; ZIP: 94404
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/142,785
; FILING DATE: 26-OCT-1993
; CLASSIFICATION: 536
; ATTORNEY/AGENT INFORMATION:
; NAME: MUENCHAU, DARYL D.
; REGISTRATION NUMBER: 36,616
; REFERENCE/DOCKET NUMBER: 169.2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 574-3000
; TELEFAX: (415) 578-9264
; INFORMATION FOR SEQ ID NO: 11:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; FEATURE:
; NAME/KEY: misc difference
; LOCATION: replace(11, "")
; OTHER INFORMATION: /note= "This position is thymidine
; with a 3'-allyl sulfide substitute linkage..."
;
; NAME/KEY: misc difference
; LOCATION: replace(13, "")
; OTHER INFORMATION: /note= "This position is thymidine
; with a 3'-allyl sulfide substitute linkage..."
US-08-142-785-11
Query Match 0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1016 AAAAAGAGGGGAG 1029
Db 15 AAAAAGAGAGAGAG 2

RESULT 465
US-08-142-785-12/c
; Sequence 12, Application US/08142785
; Patent No. 5434257
; GENERAL INFORMATION:
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APPLICANT: MATTEUCCI, MARK D.
 APPLICANT: CAO, XIAODONG
 TITLE OF INVENTION: BINDING COMPETENT OLIGOMERS CONTAINING
 TITLE OF INVENTION: UNSATURATED 3',5' AND 2',5' LINKAGES
 NUMBER OF SEQUENCES: 13
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: GILEAD SCIENCES
 STREET: 353 Lakeside Drive
 CITY: Foster City
 STATE: California
 COUNTRY: USA
 ZIP: 94404

COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/142,785
 FILING DATE: 26-OCT-1993
 CLASSIFICATION: 536
 ATTORNEY/AGENT INFORMATION:
 NAME: MUENCHAU, DARYL D.
 REGISTRATION NUMBER: 36,616
 REFERENCE/DOCKET NUMBER: 189.2
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (415) 574-3000
 TELEFAX: (415) 578-3264
 INFORMATION FOR SEQ ID NO: 12:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 15 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear

FEATURE:
 NAME/KEY: misc difference
 LOCATION: replace(11, "")
 OTHER INFORMATION: /note= "This position is thymidine
 OTHER INFORMATION: with a 3'-propylether substitute linkage."

US-08-142-785-12

Query Match 0.5%; Score 10.8; DB 1; Length 15;
 Best Local Similarity 85.7%; Pred. No. 3.7e+02;
 Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
 QY 1016 AAAAAGAGGGGAG 1029
 DB 15 AAAAAGAGAGAGAG 2
 RESULT 466
 US-08-142-785-13/c
 Sequence 13, Application US/08142785
 Patent No. 5434257
 GENERAL INFORMATION:
 APPLICANT: MATTEUCCI, MARK D.
 APPLICANT: CAO, XIAODONG
 TITLE OF INVENTION: BINDING COMPETENT OLIGOMERS CONTAINING
 TITLE OF INVENTION: UNSATURATED 3',5' AND 2',5' LINKAGES
 NUMBER OF SEQUENCES: 13
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: GILEAD SCIENCES
 STREET: 353 Lakeside Drive
 CITY: Foster City
 STATE: California
 COUNTRY: USA
 ZIP: 94404
 COMPUTER READABLE FORM:

COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/07/799,824
 FILING DATE: 19911126
 CLASSIFICATION: 536
 ATTORNEY/AGENT INFORMATION:
 NAME: Murashice, Kate H.
 REGISTRATION NUMBER: 29,959
 REFERENCE/DOCKET NUMBER: 24610-20035.00

US-08-142-785-13/c
 Sequence 13, Application US/08142785
 Patent No. 5434257
 GENERAL INFORMATION:
 APPLICANT: MATTEUCCI, MARK D.
 APPLICANT: CAO, XIAODONG
 TITLE OF INVENTION: BINDING COMPETENT OLIGOMERS CONTAINING
 TITLE OF INVENTION: UNSATURATED 3',5' AND 2',5' LINKAGES
 NUMBER OF SEQUENCES: 13
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: GILEAD SCIENCES
 STREET: 353 Lakeside Drive
 CITY: Foster City
 STATE: California
 COUNTRY: USA
 ZIP: 94404
 COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/142,785
 FILING DATE: 26-OCT-1993
 CLASSIFICATION: 536
 ATTORNEY/AGENT INFORMATION:
 NAME: MUENCHAU, DARYL D.
 REGISTRATION NUMBER: 36,616
 REFERENCE/DOCKET NUMBER: 169.2
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (415) 574-3000
 TELEFAX: (415) 578-9264
 INFORMATION FOR SEQ ID NO: 13:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 15 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 FEATURE:
 NAME/KEY: misc difference
 LOCATION: replace(11, "")
 OTHER INFORMATION: /note= "This position is thymidine
 OTHER INFORMATION: with a 3'-propyl sulfide substitute linkage."
 US-08-142-785-13
 Query Match 0.5%; Score 10.8; DB 1; Length 15;
 Best Local Similarity 85.7%; Pred. No. 3.7e+02;
 Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
 QY 1016 AAAAAGAGGGGAG 1029
 DB 15 AAAAAGAGAGAGAG 2

RESULT 467
 US-07-799-824-1/c
 Sequence 1, Application US/07799824
 Patent No. 5484908
 GENERAL INFORMATION:
 APPLICANT: Froehler, Brian
 APPLICANT: Jones, Robert J.
 TITLE OF INVENTION: Enhanced Triple-Helix and
 TITLE OF INVENTION: Double-Helix Formation Directed by Oligonucleotides
 TITLE OF INVENTION: Containing Modified Pyrimidines
 NUMBER OF SEQUENCES: 9
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Morrison & Foerster
 STREET: 545 Middlefield Road, Suite 200
 CITY: Menlo Park
 STATE: California
 COUNTRY: USA
 ZIP: 94025
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/07/799,824
 FILING DATE: 19911126
 CLASSIFICATION: 536
 ATTORNEY/AGENT INFORMATION:
 NAME: Murashice, Kate H.
 REGISTRATION NUMBER: 29,959
 REFERENCE/DOCKET NUMBER: 24610-20035.00

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TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-813-5600
TELEFAX: 415-327-2951
TELEX: 706141
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: NUCLEIC ACID
STRANDEDNESS: single
TOPOLOGY: linear
FEATURE:
NAME/KEY: misc_feature
LOCATION: 1
OTHER INFORMATION: /note= "T corresponds to thymine
and C corresponds to 5-methylcytosine."
US-07-799-824-1
Query Match 0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 1016 AAAAAGAGGGGAG 1029
Db 15 AAAAAGAGAGAGAG 2

RESULT 468
US-07-799-824-2/c
Sequence 2, Application US/07799824
Patent No. 5484908
GENERAL INFORMATION:
APPLICANT: Froehler, Brian
APPLICANT: Jones, Robert J.
TITLE OF INVENTION: Enhanced Triple-Helix and
TITLE OF INVENTION: Double-Helix Formation Directed by Oligonucleotides
TITLE OF INVENTION: Containing Modified Pyrimidines
NUMBER OF SEQUENCES: 9
CORRESPONDENCE ADDRESS:
ADDRESSEE: Morrison & Foerster
STREET: 545 Middlefield Road, Suite 200
CITY: Menlo Park
STATE: California
COUNTRY: USA
ZIP: 94025
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/799,824
FILING DATE: 19911126
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: Murashige, Kate H.
REGISTRATION NUMBER: 29,959
REFERENCE/DOCKET NUMBER: 24610-20035.00
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-813-5600
TELEFAX: 415-327-2951
TELEX: 706141
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: NUCLEIC ACID
STRANDEDNESS: single
TOPOLOGY: linear
FEATURE:
NAME/KEY: misc_feature
LOCATION: 1
OTHER INFORMATION: /note= "U corresponds to
OTHER INFORMATION: 5-propynyl uracil, T corresponds to thymine and C
OTHER INFORMATION: corresponds to 5-methylcytosine."
US-07-799-824-3
Query Match 0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 1016 AAAAAGAGGGGAG 1029
Db 15 AAAAAGAGAGAGAG 2

RESULT 470
US-07-799-824-5/c
Sequence 5, Application US/07799824
Patent No. 5484908
```

```

; GENERAL INFORMATION:
; APPLICANT: Froehler, Brian
; APPLICANT: Jones, Robert J.
; TITLE OF INVENTION: Enhanced Triple-Helix and
; TITLE OF INVENTION: Double-Helix Formation Directed by Oligonucleotides
; TITLE OF INVENTION: Containing Modified Pyrimidines
; NUMBER OF SEQUENCES: 9
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Morrison & Foerster
; STREET: 545 Middlefield Road, Suite 200
; CITY: Menlo Park
; STATE: California
; COUNTRY: USA
; ZIP: 94025
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/799,824
; FILING DATE: 19911126
; CLASSIFICATION: 536
; ATTORNEY/AGENT INFORMATION:
; NAME: Murashige, Kate H.
; REGISTRATION NUMBER: 29,959
; REFERENCE/DOCKET NUMBER: 24610-20035.00
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-813-5600
; TELEFAX: 415-327-2951
; TELEX: 706141
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 2
; OTHER INFORMATION: /note= "C corresponds to
; OTHER INFORMATION: 5-propynylcytosine."
US-07-799-824-5

Query Match 0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Cy 1016 AAAAAGAGGGGAG 1029
|||||
Db 15 AAAAAGAGAGAGAG 2

RESULT 471
US-07-799-824-6
; Sequence 6, Application US/07799824
; Patent No. 5484908
; GENERAL INFORMATION:
; APPLICANT: Froehler, Brian
; APPLICANT: Jones, Robert J.
; TITLE OF INVENTION: Enhanced Triple-Helix and
; TITLE OF INVENTION: Double-Helix Formation Directed by Oligonucleotides
; TITLE OF INVENTION: Containing Modified Pyrimidines
; NUMBER OF SEQUENCES: 9
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Morrison & Foerster
; STREET: 545 Middlefield Road, Suite 200
; CITY: Menlo Park
; STATE: California
; COUNTRY: USA
; ZIP: 94025
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/799,824
; FILING DATE: 19911126
; CLASSIFICATION: 536
; ATTORNEY/AGENT INFORMATION:
; NAME: Murashige, Kate H.
; REGISTRATION NUMBER: 29,959
; REFERENCE/DOCKET NUMBER: 24610-20035.00
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-813-5600
; TELEFAX: 415-327-2951
; TELEX: 706141
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk

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; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/799,824
; FILING DATE: 19911126
; CLASSIFICATION: 536
; ATTORNEY/AGENT INFORMATION:
; NAME: Murashige, Kate H.
; REGISTRATION NUMBER: 29,959
; REFERENCE/DOCKET NUMBER: 24610-20035.00
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-813-5600
; TELEFAX: 415-327-2951
; TELEX: 706141
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
US-07-799-824-6

Query Match 0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1016 AAAAAGAGGGGAG 1029
|||||
Db 1 AAAAAGAGAGAGAG 14

RESULT 472
US-07-799-824-7/c
; Sequence 7, Application US/07799824
; Patent No. 5484908
; GENERAL INFORMATION:
; APPLICANT: Froehler, Brian
; APPLICANT: Jones, Robert J.
; TITLE OF INVENTION: Enhanced Triple-Helix and
; TITLE OF INVENTION: Double-Helix Formation Directed by Oligonucleotides
; TITLE OF INVENTION: Containing Modified Pyrimidines
; NUMBER OF SEQUENCES: 9
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Morrison & Foerster
; STREET: 545 Middlefield Road, Suite 200
; CITY: Menlo Park
; STATE: California
; COUNTRY: USA
; ZIP: 94025
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/799,824
; FILING DATE: 19911126
; CLASSIFICATION: 536
; ATTORNEY/AGENT INFORMATION:
; NAME: Murashige, Kate H.
; REGISTRATION NUMBER: 29,959
; REFERENCE/DOCKET NUMBER: 24610-20035.00
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-813-5600
; TELEFAX: 415-327-2951
; TELEX: 706141
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear

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US-07-799-824-7
Query Match          0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1016 AAAAAGAGGGGAG 1029
Db 15 AAAAAGAGAGAGAG 2

RESULT 473
US-07-799-824-8/c
; Sequence 8, Application US/07799824
; Patent No. 5484908
; GENERAL INFORMATION:
; APPLICANT: Froehler, Brian
; TITLE OF INVENTION: Enhanced Triple-Helix and
; TITLE OF INVENTION: Double-Helix Formation Directed by Oligonucleotides
; NUMBER OF SEQUENCES: 9
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Morrison & Foerster
; STREET: 545 Middlefield Road, Suite 200
; CITY: Menlo Park
; STATE: California
; COUNTRY: USA
; ZIP: 94025
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION NUMBER: US/07/799,824
; FILING DATE: 19911126
; CLASSIFICATION: 536
; ATTORNEY/AGENT INFORMATION:
; NAME: Murashige, Kate H.
; REGISTRATION NUMBER: 29,959
; REFERENCE/DOCKET NUMBER: 24610-20035.00
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-813-5600
; TELEFAX: 415-327-2951
; TELEX: 706141
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 7
; OTHER INFORMATION: /note= "U corresponds to bdu."
US-07-799-824-8

Query Match          0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1016 AAAAAGAGGGGAG 1029
Db 15 AAAAAGAGAGAGAG 2

RESULT 474
US-07-799-824-9/c
; Sequence 9, Application US/07799824
; Patent No. 5484908
; GENERAL INFORMATION:
; APPLICANT: Froehler, Brian
; TITLE OF INVENTION: Enhanced Triple-Helix and
; TITLE OF INVENTION: Double-Helix Formation Directed by Oligonucleotides
; NUMBER OF SEQUENCES: 9
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Morrison & Foerster
; STREET: 545 Middlefield Road, Suite 200
; CITY: Menlo Park
; STATE: California
; COUNTRY: USA
; ZIP: 94025
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION NUMBER: US/07/799,824
; FILING DATE: 19911126
; CLASSIFICATION: 536
; ATTORNEY/AGENT INFORMATION:
; NAME: Murashige, Kate H.
; REGISTRATION NUMBER: 29,959
; REFERENCE/DOCKET NUMBER: 24610-20035.00
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-813-5600
; TELEFAX: 415-327-2951
; TELEX: 706141
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 7
; OTHER INFORMATION: /note= "U corresponds to bdu."
US-07-799-824-9

Query Match          0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1016 AAAAAGAGGGGAG 1029
Db 15 AAAAAGAGAGAGAG 2

RESULT 475
US-07-874-334-15/c
; Sequence 15, Application US/07874334
; Patent No. 5495009
; GENERAL INFORMATION:
; APPLICANT: MATTEUCCI, MARK
; APPLICANT: JONES, BOB
; APPLICANT: LIN, KUEI-YING
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGS CONTAINING
; TITLE OF INVENTION: THIOPORMACETAL LINKAGES
; NUMBER OF SEQUENCES: 18
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORRISON & FOERSTER
; STREET: 755 Page Mill Road
; CITY: Palo Alto
; STATE: California
; COUNTRY: USA
; ZIP: 94304-1018
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; APPLICANT: Jones, Robert J.
; TITLE OF INVENTION: Enhanced Triple-Helix and
; TITLE OF INVENTION: Double-Helix Formation Directed by Oligonucleotides
; NUMBER OF SEQUENCES: 9
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Morrison & Foerster
; STREET: 545 Middlefield Road, Suite 200
; CITY: Menlo Park
; STATE: California
; COUNTRY: USA
; ZIP: 94025
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; FILING DATE: 19911126
; CLASSIFICATION: 536
; ATTORNEY/AGENT INFORMATION:
; NAME: Murashige, Kate H.
; REGISTRATION NUMBER: 29,959
; REFERENCE/DOCKET NUMBER: 24610-20035.00
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-813-5600
; TELEFAX: 415-327-2951
; TELEX: 706141
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 11
; OTHER INFORMATION: /note= "U corresponds to bdu."
US-07-799-824-9

Query Match          0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1016 AAAAAGAGGGGAG 1029
Db 15 AAAAAGAGAGAGAG 2

RESULT 476
US-07-874-334-15/c
; Sequence 15, Application US/07874334
; Patent No. 5495009
; GENERAL INFORMATION:
; APPLICANT: MATTEUCCI, MARK
; APPLICANT: JONES, BOB
; APPLICANT: LIN, KUEI-YING
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGS CONTAINING
; TITLE OF INVENTION: THIOPORMACETAL LINKAGES
; NUMBER OF SEQUENCES: 18
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORRISON & FOERSTER
; STREET: 755 Page Mill Road
; CITY: Palo Alto
; STATE: California
; COUNTRY: USA
; ZIP: 94304-1018
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; APPLICANT: Jones, Robert J.
; TITLE OF INVENTION: Enhanced Triple-Helix and
; TITLE OF INVENTION: Double-Helix Formation Directed by Oligonucleotides
; NUMBER OF SEQUENCES: 9
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Morrison & Foerster
; STREET: 545 Middlefield Road, Suite 200
; CITY: Menlo Park
; STATE: California
; COUNTRY: USA
; ZIP: 94025
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; FILING DATE: 19911126
; CLASSIFICATION: 536
; ATTORNEY/AGENT INFORMATION:
; NAME: Murashige, Kate H.
; REGISTRATION NUMBER: 29,959
; REFERENCE/DOCKET NUMBER: 24610-20035.00
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-813-5600
; TELEFAX: 415-327-2951
; TELEX: 706141
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 11
; OTHER INFORMATION: /note= "U corresponds to bdu."
US-07-799-824-9
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```
;;
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/07/874,334
;; FILING DATE: 19920424
;; CLASSIFICATION: 536
;; ATTORNEY/AGENT INFORMATION:
;; NAME: MURASHIGE, KATE H.
;; REGISTRATION NUMBER: 29,959
;; REFERENCE/DOCKET NUMBER: 24610-20005.24
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (415) 813-5600
;; TELEFAX: (415) 494-0792
;; TELEX: 706141
;; INFORMATION FOR SEQ ID NO: 15:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 15 base pairs
;; TYPE: NUCLEIC ACID
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; FEATURE:
;; NAME/KEY: misc_difference
;; LOCATION: replace(1..2, "")
;; OTHER INFORMATION: /note= "This position indicates
;; OTHER INFORMATION: 3'-formacetal 5'-SCH20-3' neutral linkage."
;; FEATURE:
;; NAME/KEY: misc_difference
;; LOCATION: replace(2, "")
;; OTHER INFORMATION: /note= "This position is
;; OTHER INFORMATION: 5-methyl-C'."
;; FEATURE:
;; NAME/KEY: misc_difference
;; LOCATION: replace(3..4, "")
;; OTHER INFORMATION: /note= "This position indicates
;; OTHER INFORMATION: 3'-formacetal 5'-SCH20-3' neutral linkage."
;; FEATURE:
;; NAME/KEY: misc_difference
;; LOCATION: replace(4, "")
;; OTHER INFORMATION: /note= "This position is
;; OTHER INFORMATION: 5-methyl-C'."
;; FEATURE:
;; NAME/KEY: misc_difference
;; LOCATION: replace(5..6, "")
;; OTHER INFORMATION: /note= "This position indicates
;; OTHER INFORMATION: 3'-formacetal 5'-SCH20-3' neutral linkage."
;; FEATURE:
;; NAME/KEY: misc_difference
;; LOCATION: replace(6, "")
;; OTHER INFORMATION: /note= "This position is
;; OTHER INFORMATION: 5-methyl-C'."
;; FEATURE:
;; NAME/KEY: misc_difference
;; LOCATION: replace(7..8, "")
;; OTHER INFORMATION: /note= "This position indicates
;; OTHER INFORMATION: 3'-formacetal 5'-SCH20-3' neutral linkage."
;; FEATURE:
;; NAME/KEY: misc_difference
;; LOCATION: replace(8, "")
;; OTHER INFORMATION: /note= "This position is
;; OTHER INFORMATION: 5-methyl-C'."
;; FEATURE:
;; NAME/KEY: misc_difference
;; LOCATION: replace(9..10, "")
;; OTHER INFORMATION: /note= "This position indicates
;; OTHER INFORMATION: 3'-formacetal 5'-SCH20-3' neutral linkage."
;; FEATURE:
;; NAME/KEY: misc_difference
;; LOCATION: replace(10, "")
;; OTHER INFORMATION: /note= "This position is
;; OTHER INFORMATION: 5-methyl-C'."
;; FEATURE:
;; NAME/KEY: misc_difference
;; LOCATION: replace(11..12, "")
;; OTHER INFORMATION: /note= "This position indicates
;; OTHER INFORMATION: -OCH2O- neutral linkage."
;;
```

```
;;
;; NAME/KEY: misc_difference
;; LOCATION: replace(13..14, "")
;; OTHER INFORMATION: /note= "This position indicates
;; OTHER INFORMATION: -OCH2O- neutral linkage."
;; US-07-874-334-15
;;
;; Query Match 0.5%; Score 10.8; DB 1; Length 15;
;; Best Local Similarity 85.7%; Pred. NO. 3.7e+02;
;; Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
;;
;; QY 1016 AAAAGAGGGGAG 1029
;; DB 15 AAAAGAGAGAGAG 2
;;
;; RESULT 476
;; US-07-874-334-16/c
;; Sequence 16, Application US/07874334
;; Patent No. 5495009
;; GENERAL INFORMATION:
;; APPLICANT: MATTEUCCI, MARK
;; APPLICANT: JONES, BOB
;; APPLICANT: LIN, KUEI-YING
;; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGS CONTAINING
;; TITLE OF INVENTION: THIOFORMACETAL LINKAGES
;; NUMBER OF SEQUENCES: 18
;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: MORRISON & FOERSTER
;; STREET: 755 Page Mill Road
;; CITY: Palo Alto
;; STATE: California
;; COUNTRY: USA
;; ZIP: 94304-1018
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: Floppy disk
;; COMPUTER: IBM PC compatible
;; OPERATING SYSTEM: PC-DOS/MS-DOS
;; SOFTWARE: Patent In Release #1.0, Version #1.25
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/07/874,334
;; FILING DATE: 19920424
;; CLASSIFICATION: 536
;; ATTORNEY/AGENT INFORMATION:
;; NAME: MURASHIGE, KATE H.
;; REGISTRATION NUMBER: 29,959
;; REFERENCE/DOCKET NUMBER: 24610-20005.24
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (415) 813-5600
;; TELEFAX: (415) 494-0792
;; TELEX: 706141
;; INFORMATION FOR SEQ ID NO: 16:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 15 base pairs
;; TYPE: NUCLEIC ACID
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; FEATURE:
;; NAME/KEY: misc_difference
;; LOCATION: replace(1..2, "")
;; OTHER INFORMATION: /note= "This position indicates a
;; OTHER INFORMATION: diester linkage."
;; FEATURE:
;; NAME/KEY: misc_difference
;; LOCATION: replace(3..4, "")
;; OTHER INFORMATION: /note= "This position indicates a
;; OTHER INFORMATION: diester linkage."
;; FEATURE:
;; NAME/KEY: misc_difference
;; LOCATION: replace(5..6, "")
;; OTHER INFORMATION: /note= "This position indicates a
;; OTHER INFORMATION: diester linkage."
;; FEATURE:
;;
```

```

; NAME/KEY: misc_difference
; LOCATION: replace(7..8, "")
; OTHER INFORMATION: /note= "This position indicates a
; OTHER INFORMATION: diester linkage."
; FEATURE:
; NAME/KEY: misc_difference
; LOCATION: replace(9..10, "")
; OTHER INFORMATION: /note= "This position indicates a
; OTHER INFORMATION: diester linkage."
; FEATURE:
; NAME/KEY: misc_difference
; LOCATION: replace(11..12, "")
; OTHER INFORMATION: /note= "This position indicates a
; OTHER INFORMATION: diester linkage."
; FEATURE:
; NAME/KEY: misc_difference
; LOCATION: replace(13..14, "")
; OTHER INFORMATION: /note= "This position indicates a
; OTHER INFORMATION: diester linkage."
US-07-874-334-16

Query Match 0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1016 AAAAAGAGGGGAG 1029
DB 15 AAAAAGAGAGAG 2

RESULT 477
US-07-874-334-17/c
; Sequence 17, Application US/07874334
; Patent No. 5495009
; GENERAL INFORMATION:
; APPLICANT: MATTEUCCI, MARK
; APPLICANT: JONES, BOB
; APPLICANT: LIN, KUEI-YING
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGS CONTAINING
; TITLE OF INVENTION: THIOFORMACETAL LINKAGES
; NUMBER OF SEQUENCES: 18
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORRISON & FOERSTER
; STREET: 755 Page Mill Road
; CITY: Palo Alto
; STATE: California
; COUNTRY: USA
; ZIP: 94304-1018
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/874,334
; FILING DATE: 19920424
; CLASSIFICATION: 536
; ATTORNEY/AGENT INFORMATION:
; NAME: MURASHIGE, KATE H.
; REGISTRATION NUMBER: 29,959
; REFERENCE/DOCKET NUMBER: 24610-20005.24
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 813-5600
; TELEFAX: (415) 494-0792
; TELEX: 706141
; INFORMATION FOR SEQ ID NO: 17:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
; FEATURE:
; NAME/KEY: misc_difference
```

```

; LOCATION: replace(1..2, "")
; OTHER INFORMATION: /note= "This position indicates a
; OTHER INFORMATION: formacetal linkage."
; FEATURE:
; NAME/KEY: misc_difference
; LOCATION: replace(3..4, "")
; OTHER INFORMATION: /note= "This position indicates a
; OTHER INFORMATION: formacetal linkage."
; FEATURE:
; NAME/KEY: misc_difference
; LOCATION: replace(5..6, "")
; OTHER INFORMATION: /note= "This position indicates a
; OTHER INFORMATION: formacetal linkage."
; FEATURE:
; NAME/KEY: misc_difference
; LOCATION: replace(7..8, "")
; OTHER INFORMATION: /note= "This position indicates a
; OTHER INFORMATION: formacetal linkage."
; FEATURE:
; NAME/KEY: misc_difference
; LOCATION: replace(9..10, "")
; OTHER INFORMATION: /note= "This position indicates a
; OTHER INFORMATION: formacetal linkage."
; FEATURE:
; NAME/KEY: misc_difference
; LOCATION: replace(11..12, "")
; OTHER INFORMATION: /note= "This position indicates a
; OTHER INFORMATION: formacetal linkage."
; FEATURE:
; NAME/KEY: misc_difference
; LOCATION: replace(13..14, "")
; OTHER INFORMATION: /note= "This position indicates a
; OTHER INFORMATION: formacetal linkage."
US-07-874-334-17

Query Match 0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1016 AAAAAGAGGGGAG 1029
DB 15 AAAAAGAGAGAG 2

RESULT 478
US-07-874-334-18/c
; Sequence 18, Application US/07874334
; Patent No. 5495009
; GENERAL INFORMATION:
; APPLICANT: MATTEUCCI, MARK
; APPLICANT: JONES, BOB
; APPLICANT: LIN, KUEI-YING
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGS CONTAINING
; TITLE OF INVENTION: THIOFORMACETAL LINKAGES
; NUMBER OF SEQUENCES: 18
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORRISON & FOERSTER
; STREET: 755 Page Mill Road
; CITY: Palo Alto
; STATE: California
; COUNTRY: USA
; ZIP: 94304-1018
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/874,334
; FILING DATE: 19920424
; CLASSIFICATION: 536
; ATTORNEY/AGENT INFORMATION:
; NAME: MURASHIGE, KATE H.
```

```

; REGISTRATION NUMBER: 29,959
; REFERENCE/DOCKET NUMBER: 24610-20005.24
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 813-5600
; TELEFAX: (415) 494-0792
; TELEX: 706141
; INFORMATION FOR SEQ ID NO: 18:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
; FEATURE:
; NAME/KEY: misc_difference
; LOCATION: replace(1..2, "")
; OTHER INFORMATION: /note= "This position indicates a
; OTHER INFORMATION: thioformacetal linkage."
; FEATURE:
; NAME/KEY: misc_difference
; LOCATION: replace(3..4, "")
; OTHER INFORMATION: /note= "This position indicates a
; OTHER INFORMATION: thioformacetal linkage."
; FEATURE:
; NAME/KEY: misc_difference
; LOCATION: replace(5..6, "")
; OTHER INFORMATION: /note= "This position indicates a
; OTHER INFORMATION: thioformacetal linkage."
; FEATURE:
; NAME/KEY: misc_difference
; LOCATION: replace(7..8, "")
; OTHER INFORMATION: /note= "This position indicates a
; OTHER INFORMATION: thioformacetal linkage."
; FEATURE:
; NAME/KEY: misc_difference
; LOCATION: replace(9..10, "")
; OTHER INFORMATION: /note= "This position indicates a
; OTHER INFORMATION: thioformacetal linkage."
; FEATURE:
; NAME/KEY: misc_difference
; LOCATION: replace(11..12, "")
; OTHER INFORMATION: /note= "This position indicates a
; OTHER INFORMATION: thioformacetal linkage."
; FEATURE:
; NAME/KEY: misc_difference
; LOCATION: replace(13..14, "")
; OTHER INFORMATION: /note= "This position indicates a
; OTHER INFORMATION: thioformacetal linkage."
; US-07-874-334-18
;
; Query Match 0.5%; Score 10.8; DB 1; Length 15;
; Best Local Similarity 85.7%; Pred. No. 3.7e+02;
; Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
;
; QY 1016 AAAAAGAGGGGAG 1029
; Db 15 AAAAAGAGAGAGAG 2
;
; RESULT 479
; US-08-031-147A-36/c
; Sequence 36, Application US/08031147A
; Patent No. 5514577
; GENERAL INFORMATION:
; APPLICANT: Draper et al.
; TITLE OF INVENTION: Oligonucleotide Therapies for
; TITLE OF INVENTION: Modulating the Effects of Herpesviruses
; NUMBER OF SEQUENCES: 57
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz
; ADDRESSEE: Mackiewicz & No. 5514577ris
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
;
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/031,147A
; FILING DATE: March 12, 1993
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 485,297
; FILING DATE: February 26, 1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 852,132
; FILING DATE: April 28, 1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 954,185
; FILING DATE: September 29, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Jare Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISIS-0469
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 36:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; ANTI-SENSE: yes
; US-08-031-147A-36
;
; Query Match 0.5%; Score 10.8; DB 1; Length 15;
; Best Local Similarity 85.7%; Pred. No. 3.7e+02;
; Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
;
; QY 1257 CCCCAACCCCTTC 1270
; Db 15 CCCCAACCCCTTC 2
;
; RESULT 480
; US-07-906-930E-8/c
; Sequence 8, Application US/07906930E
; Patent No. 5534631
; GENERAL INFORMATION:
; APPLICANT: Gaynor, Richard B.
; APPLICANT: Nirula, Ajay
; APPLICANT: Li, Ching
; TITLE OF INVENTION: DNA ENCODING THE INTERLEUKIN BINDING
; TITLE OF INVENTION: FACTOR (ILF)
; NUMBER OF SEQUENCES: 33
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Arnold, White & Durkee
; STREET: P. O. Box 4433
; CITY: Houston
; STATE: Texas
; COUNTRY: USA
; ZIP: 77210
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/906,930E
; FILING DATE: 30-JUN-1992
; CLASSIFICATION: 536
; ATTORNEY/AGENT INFORMATION:

```



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;
; APPLICANT: PUDLO, JEFF
; TITLE OF INVENTION: ENHANCED TRIPLE-HELIX AND DOUBLE-HELIX
; NUMBER OF SEQUENCES: 53
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: GILEAD SCIENCES, INC.
; STREET: 353 Lakeside Drive
; CITY: Foster City
; STATE: California
; COUNTRY: USA
; ZIP: 94404
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/976,103A
; FILING DATE: 25-NOV-1992
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: MUENCHAU, DARYL D.
; REGISTRATION NUMBER: 36,616
; REFERENCE/DOCKET NUMBER: 182.3
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 573-4712
; TELEFAX: (415) 573-4899
; TELEX:
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-07-976-103A-6
;
; Query Match 0.5%; Score 10.8; DB 1; Length 15;
; Best Local Similarity 85.7%; Pred. No. 3.7e+02;
; Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
;
; QY 1016 AAAAGAGGGGAG 1029
; DB 1 AAAAGAGAGAGAG 14
;
; RESULT 484
; US-07-976-103A-12
; Sequence 12, Application US/07976103A
; Patent No. 5645985
; GENERAL INFORMATION:
; APPLICANT: FROHLER, BRIAN
; APPLICANT: WAGNER, RICK
; APPLICANT: MATTEUCCI, MARK
; APPLICANT: JONES, ROBERT J.
; APPLICANT: GUTIERREZ, ARNOLD J.
; APPLICANT: PUDLO, JEFF
; TITLE OF INVENTION: ENHANCED TRIPLE-HELIX AND DOUBLE-HELIX
; NUMBER OF SEQUENCES: 53
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: GILEAD SCIENCES, INC.
; STREET: 353 Lakeside Drive
; CITY: Foster City
; STATE: California
; COUNTRY: USA
; ZIP: 94404
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/976,103A
; FILING DATE: 25-NOV-1992
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: MUENCHAU, DARYL D.
; REGISTRATION NUMBER: 36,616
; REFERENCE/DOCKET NUMBER: 182.3
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 573-4712
; TELEFAX: (415) 573-4899
; TELEX:
; INFORMATION FOR SEQ ID NO: 40:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-07-976-103A-40
;
; Query Match 0.5%; Score 10.8; DB 1; Length 15;
; Best Local Similarity 85.7%; Pred. No. 3.7e+02;
; Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
;
; QY 1016 AAAAGAGGGGAG 1029
; DB 1 AAAAGAGAGAGAG 14
;
; RESULT 485
; US-07-976-103A-40/c
; Sequence 40, Application US/07976103A
; Patent No. 5645985
; GENERAL INFORMATION:
; APPLICANT: FROHLER, BRIAN
; APPLICANT: WAGNER, RICK
; APPLICANT: MATTEUCCI, MARK
; APPLICANT: JONES, ROBERT J.
; APPLICANT: GUTIERREZ, ARNOLD J.
; APPLICANT: PUDLO, JEFF
; TITLE OF INVENTION: ENHANCED TRIPLE-HELIX AND DOUBLE-HELIX
; NUMBER OF SEQUENCES: 53
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: GILEAD SCIENCES, INC.
; STREET: 353 Lakeside Drive
; CITY: Foster City
; STATE: California
; COUNTRY: USA
; ZIP: 94404
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/976,103A
; FILING DATE: 25-NOV-1992
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: MUENCHAU, DARYL D.
; REGISTRATION NUMBER: 36,616
; REFERENCE/DOCKET NUMBER: 182.3
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 573-4712
; TELEFAX: (415) 573-4899
; TELEX:
; INFORMATION FOR SEQ ID NO: 40:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-07-976-103A-40
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Query Match 0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1016 AAAAAGAGGGGAG 1029
Db 15 AAAAAGAGAGAG 2

RESULT 486
US-07-976-103A-49
; Sequence 49, Application US/07976103A
; Patent No. 5645985
; GENERAL INFORMATION:
; APPLICANT: FROHLER, BRIAN
; APPLICANT: WAGNER, RICK
; APPLICANT: MATTEUCCI, MARK
; APPLICANT: JONES, ROBERT J.
; APPLICANT: GUTIERREZ, ARNOLD J.
; APPLICANT: PUDJO, JEFF
; TITLE OF INVENTION: ENHANCED TRIPLE-HELIX AND DOUBLE-HELIX
; TITLE OF INVENTION: FORMATION WITH OLIGOMERS CONTAINING MODIFIED PYRIMIDINES
; NUMBER OF SEQUENCES: 53
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: GILEAD SCIENCES, INC.
; STREET: 353 Lakeside Drive
; CITY: Foster City
; STATE: California
; COUNTRY: USA
; ZIP: 94404
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/976,103A
; FILING DATE: 25-NOV-1992
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: MUENCHAU, DARYL D.
; REGISTRATION NUMBER: 36,616
; REFERENCE/DOCKET NUMBER: 162.3
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 573-4712
; TELEFAX: (415) 573-4899
; TELEX:
; INFORMATION FOR SEQ ID NO: 49:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-07-976-103A-49

Query Match 0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1016 AAAAAGAGGGGAG 1029
Db 1 AAAAAGAGAGAG 14

RESULT 487
US-08-291-932A-10/c
; Sequence 10, Application US/08291932A
; Patent No. 5658780
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth G.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; NUMBER OF SEQUENCES: 830
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California

Query Match 0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 731 AGGAGAAACAGAC 744
Db 14 AGGGAGAAACAGATC 1

RESULT 488
US-08-291-932A-124/c
; Sequence 124, Application US/08291932A
; Patent No. 5658780
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth G.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; NUMBER OF SEQUENCES: 830
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California

; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: NF-KB
; NUMBER OF SEQUENCES: 830
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/291,932A
; FILING DATE: August 15, 1994
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; PRIOR APPLICATION DATA: including application
; PRIOR APPLICATION DATA: described below:
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 208/157
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-291-932A-10

Query Match 0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 731 AGGAGAAACAGAC 744
Db 14 AGGGAGAAACAGATC 1

RESULT 488
US-08-291-932A-124/c
; Sequence 124, Application US/08291932A
; Patent No. 5658780
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth G.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; NUMBER OF SEQUENCES: 830
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California

;; COUNTRY: U.S.A.
;; ZIP: 90071-2066
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
;; MEDIUM TYPE: storage
;; COMPUTER: IBM Compatible
;; OPERATING SYSTEM: IBM P.C. DOS 5.0
;; SOFTWARE: Word Perfect 5.1
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/08/291,932A
;; FILING DATE: August 15, 1994
;; CLASSIFICATION: 514
;; PRIOR APPLICATION DATA: including application
;; PRIOR APPLICATION DATA: described below:
;; APPLICATION NUMBER: 08/245,466
;; FILING DATE: May 18, 1994
;; APPLICATION NUMBER: 07/987,132
;; FILING DATE: December 7, 1992
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Warburg, Richard J.
;; REGISTRATION NUMBER: 32,327
;; REFERENCE/DOCKET NUMBER: 208/157
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (213) 489-1600
;; TELEFAX: (213) 955-0440
;; TELEX: 67-3510
;; INFORMATION FOR SEQ ID NO: 124:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 15 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; US-08-291-932A-124

Query Match 0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1275 GTGGAGGACGCG 1288
Db 15 GTGAGAGGACAGG 2

RESULT 489
US-08-291-932A-198
; Sequence 198, Application US/08291932A
; Patent No. 5658780
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth G.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: NF-KB
; NUMBER OF SEQUENCES: 830
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/291,932A

;; FILING DATE: August 15, 1994
;; CLASSIFICATION: 514
;; PRIOR APPLICATION DATA: including application
;; PRIOR APPLICATION DATA: described below:
;; APPLICATION NUMBER: 08/245,466
;; FILING DATE: May 18, 1994
;; APPLICATION NUMBER: 07/987,132
;; FILING DATE: December 7, 1992
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Warburg, Richard J.
;; REGISTRATION NUMBER: 32,327
;; REFERENCE/DOCKET NUMBER: 208/157
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (213) 489-1600
;; TELEFAX: (213) 955-0440
;; TELEX: 67-3510
;; INFORMATION FOR SEQ ID NO: 198:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 15 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; US-08-291-932A-198

Query Match 0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 71.4%; Pred. No. 3.7e+02;
Matches 10; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 818 GCCTGGAGTGACG 831
Db 2 GUCUGAGGACG 15

RESULT 490
US-08-291-932A-201/c
; Sequence 201, Application US/08291932A
; Patent No. 5658780
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth G.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: NF-KB
; NUMBER OF SEQUENCES: 830
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/291,932A
; FILING DATE: August 15, 1994
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA: including application
; PRIOR APPLICATION DATA: described below:
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:

Two

Two

NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/157
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 201:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-291-932A-201

Query Match 0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1015 GAAAGATGAGGGGA 1028
DB 14 GAAGATGAGGGGA 1

RESULT 491

US-08-291-932A-205
Sequence 205, Application US/08291932A
Patent No. 5658780

GENERAL INFORMATION:

APPLICANT: Stinchcomb, Dan T.
APPLICANT: Draper, Kenneth G.
APPLICANT: McSwiggen, James
TITLE OF INVENTION: RIBOZYME TREATMENT OF
DISEASES OR CONDITIONS
TITLE OF INVENTION: RELATED TO LEVELS OF
TITLE OF INVENTION: NF-KB
NUMBER OF SEQUENCES: 830
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/291,932A
FILING DATE: August 15, 1994
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA: including application
PRIOR APPLICATION DATA: described below:
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/157

TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 205:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs

Two

TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-291-932A-205

Query Match 0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 78.8%; Pred. No. 3.7e+02;
Matches 11; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 1048 AAGCCCTGGCCCC 1061
DB 2 AGGCCUCUGGCCCC 15

RESULT 492

US-08-334-847-24
Sequence 24, Application US/08334847
Patent No. 5693532

GENERAL INFORMATION:

APPLICANT: McSwiggen, James
APPLICANT: Draper, Kenneth
APPLICANT: Pavco, Pam
APPLICANT: Woolf, Tod
TITLE OF INVENTION: METHOD AND REAGENT FOR
TITLE OF INVENTION: INHIBITING RESPIRATORY
TITLE OF INVENTION: SYNCYTIAL VIRUS
NUMBER OF SEQUENCES: 909
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/334,847
FILING DATE: No. 5693532ember 4, 1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:

ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/032
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 24:

SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-334-847-24

Query Match 0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 57.1%; Pred. No. 3.7e+02;
Matches 8; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 850 ATTGAGATGTTAA 863
DB 1 AUGAGUUGAUA 14

RESULT 493

US-08-334-847-45/c
; Sequence 45, Application US/08334847
; Patent No. 5693532
; GENERAL INFORMATION:
; APPLICANT: McSwiggen, James
; APPLICANT: Draper, Kenneth
; APPLICANT: Pavco, Pam
; APPLICANT: Woolf, Tod
; TITLE OF INVENTION: METHOD AND REAGENT FOR
; TITLE OF INVENTION: INHIBITING RESPIRATORY
; TITLE OF INVENTION: SYNCTIAL VIRUS
; NUMBER OF SEQUENCES: 909
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; FILING DATE: US/08/334,847
; PRIORITY APPLICATION NUMBER: 209/032
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 45:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-334-847-45

Query Match 0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 944 TTGGTTTAATGTAT 957
Db 15 TTAGTTAAATGTAT 2

RESULT 494
US-08-334-847-46/c
; Sequence 45, Application US/08334847
; Patent No. 5693532
; GENERAL INFORMATION:
; APPLICANT: McSwiggen, James
; APPLICANT: Draper, Kenneth
; APPLICANT: Pavco, Pam
; APPLICANT: Woolf, Tod
; TITLE OF INVENTION: METHOD AND REAGENT FOR
; TITLE OF INVENTION: INHIBITING RESPIRATORY
; TITLE OF INVENTION: SYNCTIAL VIRUS
; NUMBER OF SEQUENCES: 909
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street

STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
FILING DATE: US/08/334,847
PRIORITY APPLICATION NUMBER: 209/032
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 46:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-334-847-46

Query Match 0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 944 TTGGTTTAATGTAT 957
Db 14 TTAGTTAAATGTAT 1

RESULT 495
US-08-334-847-345
; Sequence 345, Application US/08334847
; Patent No. 5693532
; GENERAL INFORMATION:
; APPLICANT: McSwiggen, James
; APPLICANT: Draper, Kenneth
; APPLICANT: Pavco, Pam
; APPLICANT: Woolf, Tod
; TITLE OF INVENTION: METHOD AND REAGENT FOR
; TITLE OF INVENTION: INHIBITING RESPIRATORY
; TITLE OF INVENTION: SYNCTIAL VIRUS
; NUMBER OF SEQUENCES: 909
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; FILING DATE: US/08/334,847
; PRIORITY APPLICATION NUMBER: 209/032
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 46:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-334-847-46

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; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/032
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 345:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-334-847-345
Query Match 0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 50.0%; Pred. No. 3.7e+02;
Matches 7; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

QY 982 CTCCTACTCCATGTG 995
DB 1 CUUACUCCAUAGU 14

RESULT 496
US-08-334-847-520
; Sequence 520, Application US/08334847
; Patent No. 5693532
; GENERAL INFORMATION:
; APPLICANT: McSwiggen, James
; APPLICANT: Draper, Kenneth
; APPLICANT: Pavco, Pam
; APPLICANT: Woolf, Tod
; TITLE OF INVENTION: METHOD AND REAGENT FOR
; TITLE OF INVENTION: INHIBITING RESPIRATORY
; TITLE OF INVENTION: SYNCYTIAL VIRUS
; NUMBER OF SEQUENCES: 909
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/334,847
; FILING DATE: No. 5693532ember 4, 1994
; PRIOR APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/032
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 520:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-334-847-662/c
Query Match 0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 979 AAGCTCTACTCCAT 992
DB 14 AAGCTCTACTCAT 1

RESULT 498
US-08-334-847-663/c
; Sequence 663, Application US/08334847
```

Patent No. 5693532
GENERAL INFORMATION:
APPLICANT: McSwiggen, James
APPLICANT: Draper, Kenneth
APPLICANT: Payco, Ram
APPLICANT: Woolf, Tod
TITLE OF INVENTION: METHOD AND REAGENT FOR
TITLE OF INVENTION: INHIBITING RESPIRATORY
TITLE OF INVENTION: SYNCYTIAL VIRUS
NUMBER OF SEQUENCES: 909
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/334,847
FILING DATE: No. 5693532ember 4, 1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/032
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 663:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-334-847-663
Query Match 0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 973 AAGTCAAGCTCTA 986
Db 14 AACTCAAGCTCTA 1
RESULT 499
US-08-363-240A-59
Sequence 59, Application US/08363240A
Patent No. 5705388
GENERAL INFORMATION:
APPLICANT: Couture, Larry
APPLICANT: McSwiggen, James
APPLICANT: Bisgaier, Charles
APPLICANT: Pape, Michael
TITLE OF INVENTION: METHOD AND REAGENT FOR
TITLE OF INVENTION: PREVENTION, INHIBITION OF
TITLE OF INVENTION: PROGRESSION AND REGRESSION
TITLE OF INVENTION: OF VASCULAR DISEASES
NUMBER OF SEQUENCES: 1243
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/363,240A
FILING DATE: December 23, 1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 210/096
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 59:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-363-240A-59
Query Match 0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 57.1%; Pred. No. 3.7e+02;
Matches 8; Conservative 4; Mismatches 2; Indels 0; Gaps 0;
QY 1132 TTCACCTCCAGTCTC 1145
Db 1 UUGACCUCCAGATC 14
RESULT 500
US-08-363-240A-576
Sequence 576, Application US/08363240A
Patent No. 5705388
GENERAL INFORMATION:
APPLICANT: Couture, Larry
APPLICANT: McSwiggen, James
APPLICANT: Bisgaier, Charles
APPLICANT: Pape, Michael
TITLE OF INVENTION: METHOD AND REAGENT FOR
TITLE OF INVENTION: PREVENTION, INHIBITION OF
TITLE OF INVENTION: PROGRESSION AND REGRESSION
TITLE OF INVENTION: OF VASCULAR DISEASES
NUMBER OF SEQUENCES: 1243
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/363,240A
FILING DATE: December 23, 1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 210/096
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 59:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-363-240A-59

Patent No. 5693532
GENERAL INFORMATION:
APPLICANT: McSwiggen, James
APPLICANT: Draper, Kenneth
APPLICANT: Payco, Ram
APPLICANT: Woolf, Tod
TITLE OF INVENTION: METHOD AND REAGENT FOR
TITLE OF INVENTION: INHIBITING RESPIRATORY
TITLE OF INVENTION: SYNCYTIAL VIRUS
NUMBER OF SEQUENCES: 909
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/334,847
FILING DATE: No. 5693532ember 4, 1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/032
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 663:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-334-847-663
Query Match 0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 973 AAGTCAAGCTCTA 986
Db 14 AACTCAAGCTCTA 1
RESULT 499
US-08-363-240A-59
Sequence 59, Application US/08363240A
Patent No. 5705388
GENERAL INFORMATION:
APPLICANT: Couture, Larry
APPLICANT: McSwiggen, James
APPLICANT: Bisgaier, Charles
APPLICANT: Pape, Michael
TITLE OF INVENTION: METHOD AND REAGENT FOR
TITLE OF INVENTION: PREVENTION, INHIBITION OF
TITLE OF INVENTION: PROGRESSION AND REGRESSION
TITLE OF INVENTION: OF VASCULAR DISEASES
NUMBER OF SEQUENCES: 1243
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/363,240A
FILING DATE: December 23, 1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 210/096
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 59:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-363-240A-576
Sequence 576, Application US/08363240A
Patent No. 5705388
GENERAL INFORMATION:
APPLICANT: Couture, Larry
APPLICANT: McSwiggen, James
APPLICANT: Bisgaier, Charles
APPLICANT: Pape, Michael
TITLE OF INVENTION: METHOD AND REAGENT FOR
TITLE OF INVENTION: PREVENTION, INHIBITION OF
TITLE OF INVENTION: PROGRESSION AND REGRESSION
TITLE OF INVENTION: OF VASCULAR DISEASES
NUMBER OF SEQUENCES: 1243
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/363,240A
FILING DATE: December 23, 1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 210/096
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 59:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-363-240A-59


```
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 210/096
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 576:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-363-240A-576

Query Match 0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 57.1%; Pred. No. 3.7e+02;
Matches 8; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 1132 TTCACCTCCAGCTC 1145
   ::|||::|:
Db 1 UUGACCUCCAGAU 14

RESULT 501
US-08-363-240A-577
; Sequence 577, Application US/08363240A
; Patent No. 5705388
; GENERAL INFORMATION:
; APPLICANT: Couture, Larry
; APPLICANT: McSwiggen, James
; APPLICANT: Bisgaier, Charles
; APPLICANT: Pape, Michael
; TITLE OF INVENTION: METHOD AND REAGENT FOR
; TITLE OF INVENTION: PREVENTION, INHIBITION OF
; TITLE OF INVENTION: PROGRESSION AND REGRESSION
; TITLE OF INVENTION: OF VASCULAR DISEASES
; NUMBER OF SEQUENCES: 1243
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/363.240A
; FILING DATE: December 23, 1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 210/096
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 577:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-363-240A-578

Query Match 0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 57.1%; Pred. No. 3.7e+02;
Matches 8; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 1132 TTCACCTCCAGCTC 1145
   ::|||::|:
Db 1 UUGACCUCCAGAU 14

RESULT 502
US-08-363-240A-578
; Sequence 578, Application US/08363240A
; Patent No. 5705388
; GENERAL INFORMATION:
; APPLICANT: Couture, Larry
; APPLICANT: McSwiggen, James
; APPLICANT: Bisgaier, Charles
; APPLICANT: Pape, Michael
; TITLE OF INVENTION: METHOD AND REAGENT FOR
; TITLE OF INVENTION: PREVENTION, INHIBITION OF
; TITLE OF INVENTION: PROGRESSION AND REGRESSION
; TITLE OF INVENTION: OF VASCULAR DISEASES
; NUMBER OF SEQUENCES: 1243
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/363.240A
; FILING DATE: December 23, 1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 210/096
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 578:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-363-240A-579

Query Match 0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 57.1%; Pred. No. 3.7e+02;
Matches 8; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 1132 TTCACCTCCAGCTC 1145
   ::|||::|:
Db 1 UUGACCUCCAGAU 14

RESULT 503
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US-08-363-240A-614
 ; Sequence 614, Application US/08363240A
 ; Patent No. 5705388

GENERAL INFORMATION:

APPLICANT: Couture, Larry
 APPLICANT: McSwiggen, James
 APPLICANT: Bisgaier, Charles
 APPLICANT: Pape, Michael
 TITLE OF INVENTION: METHOD AND REAGENT FOR
 PREVENTION, INHIBITION OF
 TITLE OF INVENTION: PROGRESSION AND REGRESSION
 TITLE OF INVENTION: OF VASCULAR DISEASES
 NUMBER OF SEQUENCES: 1243
 CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon
 STREET: 633 West Fifth Street
 STREET: Suite 4700
 CITY: Los Angeles
 STATE: California
 COUNTRY: U.S.A.
 ZIP: 90071

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 MEDIUM TYPE: storage
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: IBM P.C. DOS 5.0
 SOFTWARE: Word Perfect 5.1
 CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/363,240A
 FILING DATE: December 23, 1994

PRIOR APPLICATION DATA:

APPLICATION NUMBER:

FILING DATE:

ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard
 REGISTRATION NUMBER: 32,327
 REFERENCE/DOCKET NUMBER: 210/096
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (213) 489-1600
 TELEFAX: (213) 955-0440
 TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 614:

SEQUENCE CHARACTERISTICS:

LENGTH: 15 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear

US-08-363-240A-614

Query Match 0.5%; Score 10.8; DB 1; Length 15;

Best Local Similarity 78.8%; Pred. No. 3.7e+02;

Matches 11; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 1250 ACCCCATCCCCAAC 1263

DB 1 ACACCAUCUCCAC 14

RESULT 504

US-08-363-240A-615
 ; Sequence 615, Application US/08363240A
 ; Patent No. 5705388

GENERAL INFORMATION:

APPLICANT: Couture, Larry
 APPLICANT: McSwiggen, James
 APPLICANT: Bisgaier, Charles
 APPLICANT: Pape, Michael
 TITLE OF INVENTION: METHOD AND REAGENT FOR
 PREVENTION, INHIBITION OF
 TITLE OF INVENTION: PROGRESSION AND REGRESSION
 TITLE OF INVENTION: OF VASCULAR DISEASES
 NUMBER OF SEQUENCES: 1243
 CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon
 STREET: 633 West Fifth Street
 STREET: Suite 4700
 CITY: Los Angeles
 STATE: California
 COUNTRY: U.S.A.
 ZIP: 90071

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 MEDIUM TYPE: storage
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: IBM P.C. DOS 5.0
 SOFTWARE: Word Perfect 5.1
 CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/363,240A
 FILING DATE: December 23, 1994

PRIOR APPLICATION DATA:

APPLICATION NUMBER:

FILING DATE:

ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard
 REGISTRATION NUMBER: 32,327
 REFERENCE/DOCKET NUMBER: 210/096
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (213) 489-1600
 TELEFAX: (213) 955-0440
 TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 615:

SEQUENCE CHARACTERISTICS:

LENGTH: 15 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear

US-08-363-240A-615

Query Match 0.5%; Score 10.8; DB 1; Length 15;

Best Local Similarity 78.8%; Pred. No. 3.7e+02;

Matches 11; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 1250 ACCCCATCCCCAAC 1263

DB 1 ACACCAUCUCCAC 14

RESULT 505

US-08-317-432A-2/c

; Sequence 2, Application US/08317432A

; Patent No. 5710028

GENERAL INFORMATION:

APPLICANT: Nurit Eyal and Nir Navot
 TITLE OF INVENTION: A method of quick screening and
 NUMBER OF SEQUENCES: 50
 CORRESPONDENCE ADDRESS:

ADDRESSEE: Mark M. Friedman c/o Robert Sheinbein
 STREET: 2940 Birchtree lane
 CITY: Silver Spring

STATE: Maryland

COUNTRY: United States of America

ZIP: 20906

COMPUTER READABLE FORM:

MEDIUM TYPE: 1.44 megabyte, 3.5" microdisk
 COMPUTER: Twinhead* Slimnote-890TX
 OPERATING SYSTEM: MS DOS version 6.2,
 OPERATING SYSTEM: Windows version 3.11
 SOFTWARE: Word for Windows version 2.0
 SOFTWARE: converted to ASCII

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/317,432A

FILING DATE: 4-Oct-94

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/919,872

FILING DATE: 27-Jul-92

APPLICATION NUMBER: 08/084,505
FILING DATE: 1-Jul-93
ATTORNEY/AGENT INFORMATION:
NAME: Friedman, Mark M.
REGISTRATION NUMBER: 33,893
REFERENCE/DOCKET NUMBER: 128/7
TELEPHONE: 972-3-562553
TELEFAX: 972-3-562554
TELEX:
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 15
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-317-432A-2

Query Match 0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 911 TCTTTGGTCTTTC 924
DB 14 TCTTTGGTCTTTC 1

RESULT 506
US-08-601-435-28
Sequence 28, Application US/08601435
Patent No. 5759801
GENERAL INFORMATION:
APPLICANT:
TITLE OF INVENTION: DNA sequence coding for a protein
TITLE OF INVENTION: of A, thaliana having a delta-5,7 sterol, delta-7
TITLE OF INVENTION: reductase activity, delta7-Red protein, production
TITLE OF INVENTION: process, strains of transformed yeasts, uses.
NUMBER OF SEQUENCES: 31
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/601,435
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: FR 9501723
FILING DATE: 15-FEB-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: FR 9506517
FILING DATE: 01-JUN-1995
INFORMATION FOR SEQ ID NO: 28:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "OLIGONUCLEOTIDE"
US-08-601-435-28

Query Match 0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 1056 GGCCCAACCCAA 1069
DB 1 GGCCCAACCCAA 14

RESULT 507
US-08-311-486C-175
Sequence 175, Application US/08311486C
Patent No. 5811300
GENERAL INFORMATION:
APPLICANT: Sean Sullivan
APPLICANT: Kenneth Draper
APPLICANT: Kevin Kisich
APPLICANT: Dan T. Stinchcomb
APPLICANT: James McSwiggen
TITLE OF INVENTION: RIBOZYME TREATMENT OF
TITLE OF INVENTION: DISEASES OR CONDITIONS
TITLE OF INVENTION: RELATED TO LEVELS OF
TITLE OF INVENTION: TNF-
NUMBER OF SEQUENCES: 1157
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/311,486C
FILING DATE: September 23, 1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA: including application
PRIOR APPLICATION DATA: described below:
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/166
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 175:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-311-486C-175

Query Match 0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 64.3%; Pred. No. 3.7e+02;
Matches 9; Conservative 3; Mismatches 2; Indels 0; Gaps 0;
QY 1139 CCAGCTCCACCTAT 1152
DB 2 CCAGCTCCACCTAT 15

RESULT 508
US-08-311-486C-651/C
Sequence 651, Application US/08311486C
Patent No. 5811300
GENERAL INFORMATION:
APPLICANT: Sean Sullivan
APPLICANT: Kenneth Draper
APPLICANT: Kevin Kisich

APPLICANT: Dan T. Stinchcomb
APPLICANT: James McSwiggen
TITLE OF INVENTION: RIBOZYME TREATMENT OF
DISEASES OR CONDITIONS
TITLE OF INVENTION: RELATED TO LEVELS OF
TITLE OF INVENTION: TNE-
NUMBER OF SEQUENCES: 1157
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: Storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/311,486C
FILING DATE: September 23, 1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA: including application
PRIOR APPLICATION DATA: described below:
PRIOR APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/166
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 651:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-311-486C-651

Query Match 0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 864 GGGCACTGAGGACT 877
|||||
Db 15 GGGCTCTGAGGAGT 2

RESULT 509
US-08-473-481-6
Sequence 6, Application US/08473481
Patent No. 5830653
GENERAL INFORMATION:
APPLICANT: FROHLER, BRIAN
APPLICANT: WAGNER, RICK
APPLICANT: MATTEUCCI, MARK
APPLICANT: JONES, ROBERT J.
APPLICANT: GUTIERREZ, ARNOLD J.
APPLICANT: PUDLO, JEFF
TITLE OF INVENTION: ENHANCED TRIPLE-HELIX AND DOUBLE-HELIX
TITLE OF INVENTION: FORMATION WITH OLIGOMERS CONTAINING MODIFIED PYRIMIDINES
NUMBER OF SEQUENCES: 53
CORRESPONDENCE ADDRESS:
ADDRESSEE: GILEAD SCIENCES, INC.

APPLICANT: Dan T. Stinchcomb
APPLICANT: James McSwiggen
TITLE OF INVENTION: RIBOZYME TREATMENT OF
DISEASES OR CONDITIONS
TITLE OF INVENTION: RELATED TO LEVELS OF
TITLE OF INVENTION: TNE-
NUMBER OF SEQUENCES: 1157
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: Storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/311,486C
FILING DATE: September 23, 1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA: including application
PRIOR APPLICATION DATA: described below:
PRIOR APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/166
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 651:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-311-486C-651

Query Match 0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 864 GGGCACTGAGGACT 877
|||||
Db 15 GGGCTCTGAGGAGT 2

RESULT 509
US-08-473-481-6
Sequence 6, Application US/08473481
Patent No. 5830653
GENERAL INFORMATION:
APPLICANT: FROHLER, BRIAN
APPLICANT: WAGNER, RICK
APPLICANT: MATTEUCCI, MARK
APPLICANT: JONES, ROBERT J.
APPLICANT: GUTIERREZ, ARNOLD J.
APPLICANT: PUDLO, JEFF
TITLE OF INVENTION: ENHANCED TRIPLE-HELIX AND DOUBLE-HELIX
TITLE OF INVENTION: FORMATION WITH OLIGOMERS CONTAINING MODIFIED PYRIMIDINES
NUMBER OF SEQUENCES: 53
CORRESPONDENCE ADDRESS:
ADDRESSEE: GILEAD SCIENCES, INC.

STREET: 353 Lakeside Drive
CITY: Foster City
STATE: California
COUNTRY: USA
ZIP: 94404
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/473,481
FILING DATE: 07-JUN-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/976,103
FILING DATE: 25-NOV-1992
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/965,941
FILING DATE: 23-OCT-1992
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/338,352
FILING DATE: 14-NOV-1994
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/935,444
FILING DATE: 25-AUG-1992
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/799,824
FILING DATE: 26-NOV-1991
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: MUENCHAU, DARYL D.
REGISTRATION NUMBER: 36,616
REFERENCE/DOCKET NUMBER: 162.3D
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 573-4712
TELEFAX: (415) 573-4899
TELEX:
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-473-481-6

Query Match 0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1016 AAAAAGAGGGGAG 1029
|||||
Db 1 AAAAAGAGAGAGAG 14

RESULT 510
US-08-473-481-12
Sequence 12, Application US/08473481
Patent No. 5830653
GENERAL INFORMATION:
APPLICANT: FROHLER, BRIAN
APPLICANT: WAGNER, RICK
APPLICANT: MATTEUCCI, MARK
APPLICANT: JONES, ROBERT J.
APPLICANT: GUTIERREZ, ARNOLD J.
APPLICANT: PUDLO, JEFF
TITLE OF INVENTION: ENHANCED TRIPLE-HELIX AND DOUBLE-HELIX
TITLE OF INVENTION: FORMATION WITH OLIGOMERS CONTAINING MODIFIED PYRIMIDINES
NUMBER OF SEQUENCES: 53
CORRESPONDENCE ADDRESS:
ADDRESSEE: GILEAD SCIENCES, INC.

APPLICANT: FODLO, JEFF
TITLE OF INVENTION: ENHANCED TRIPLE-HELIX AND DOUBLE-HELIX

RESULT 512
US-08-473-481-49
; Sequence 49, Application US/08473481
; Patent No. 5830653
; GENERAL INFORMATION:
; APPLICANT: FROEHLER, BRIAN
; APPLICANT: WAGNER, RICK
; APPLICANT: MATTEUCCI, MARK
; APPLICANT: JONES, ROBERT J.
; APPLICANT: GUTTEREZ, ARNOLD J.

APPLICANT: PUDLO, JEFF
TITLE OF INVENTION: ENHANCED TRIPLE-HELIX AND DOUBLE-HELIX
FORMATION WITH OLIGOMERS CONTAINING MODIFIED PYRIMIDINES
NUMBER OF SEQUENCES: 53
CORRESPONDENCE ADDRESS:
ADDRESSEE: GILEAD SCIENCES, INC.
STREET: 353 Lakeside Drive
CITY: Foster City
STATE: California
COUNTRY: USA
ZIP: 94404
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLY DATE: 07-JUN-1995
CLASSIFICATION: 514
PRIORITY APPLICATION DATA:
APPLICATION NUMBER: US 07/976,103
FILING DATE: 25-NOV-1992
CLASSIFICATION: 514
PRIORITY APPLICATION DATA:
APPLICATION NUMBER: US 07/965,941
FILING DATE: 23-OCT-1992
CLASSIFICATION: 514
PRIORITY APPLICATION DATA:
APPLICATION NUMBER: US 08/338,352
FILING DATE: 14-NOV-1994
CLASSIFICATION: 514
PRIORITY APPLICATION DATA:
APPLICATION NUMBER: US 07/935,444
FILING DATE: 25-AUG-1992
CLASSIFICATION: 514
PRIORITY APPLICATION DATA:
APPLICATION NUMBER: US 07/799,824
FILING DATE: 26-NOV-1991
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: MUENCHAU, DARYL D.
REGISTRATION NUMBER: 36,616
REFERENCE/DOCKET NUMBER: 162.3D
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 573-4712
TELEFAX: (415) 573-4899
TELEX:
INFORMATION FOR SEQ ID NO: 49:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-473-481-49

Query Match 0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1016 AAAAGAGAGAGAG 1029
Db 1 AAAAGAGAGAGAG 14

RESULT 513
US-08-292-620A-149/c
; Sequence 149, Application US/08292620A
; Patent No. 5837542
; GENERAL INFORMATION:
; APPLICANT: Susan Grimm
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James McSwiggen

APPLICANT: Sean Sullivan
APPLICANT: Kenneth G. Draper
TITLE OF INVENTION: RIBOZYME TREATMENT OF
DISEASES OR CONDITIONS
RELATED TO LEVELS OF
INTRACELLULAR ADHESION
MOLECULE-1 (I-CAM-1)
NUMBER OF SEQUENCES: 2390
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/292,620A
FILING DATE: August 17, 1994
CLASSIFICATION: 435
PRIORITY APPLICATION DATA:
PRIORITY APPLICATION DATA: including application
PRIORITY APPLICATION DATA: described below:
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/149
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 149:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-292-620A-149

Query Match 0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 884 CCACAGTGTGTG 897
Db 15 CCACAGTGTGTG 2

RESULT 514
US-08-292-620A-173
; Sequence 173, Application US/08292620A
; Patent No. 5837542
; GENERAL INFORMATION:
; APPLICANT: Susan Grimm
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James McSwiggen
; APPLICANT: Sean Sullivan
; APPLICANT: Kenneth G. Draper
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
DISEASES OR CONDITIONS
RELATED TO LEVELS OF
INTRACELLULAR ADHESION
MOLECULE-1 (I-CAM-1)
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)

NUMBER OF SEQUENCES: 2390
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Suite 4700
STATE: Los Angeles
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/292,620A
FILING DATE: August 17, 1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA: including application
PRIOR APPLICATION DATA: described below:
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/149
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 333:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-292-620A-333

Query Match 0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1020 AGAGGGGAGCTTG 1033
Db 15 AGAGCGAGAGCTTG 2

RESULT 515
US-08-292-620A-442
Sequence 442, Application US/08292620A
Patent No. 5837542
GENERAL INFORMATION:
APPLICANT: Susan Grimm
APPLICANT: Dan T. Stinchcomb
APPLICANT: James McSwiggen
APPLICANT: Sean Sullivan
APPLICANT: Kenneth G. Draper
TITLE OF INVENTION: RIBOZYME TREATMENT OF
DISEASES OR CONDITIONS
RELATED TO LEVELS OF
INTRACELLULAR ADHESION
MOLECULE-1 (I-CAM-1)
NUMBER OF SEQUENCES: 2390
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Suite 4700
STATE: Los Angeles
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0

NUMBER OF SEQUENCES: 2390
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Suite 4700
STATE: Los Angeles
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/292,620A
FILING DATE: August 17, 1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA: including application
PRIOR APPLICATION DATA: described below:
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/149
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 173:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-292-620A-173

Query Match 0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 64.3%; Pred. No. 3.7e+02;
Matches 9; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

Qy 1138 TCCAGCTCCACCTA 1151
Db 1 UGCAGCUACACCUA 14

RESULT 515
US-08-292-620A-333/c
Sequence 333, Application US/08292620A
Patent No. 5837542
GENERAL INFORMATION:
APPLICANT: Susan Grimm
APPLICANT: Dan T. Stinchcomb
APPLICANT: James McSwiggen
APPLICANT: Sean Sullivan
APPLICANT: Kenneth G. Draper
TITLE OF INVENTION: RIBOZYME TREATMENT OF
DISEASES OR CONDITIONS
RELATED TO LEVELS OF
INTRACELLULAR ADHESION
MOLECULE-1 (I-CAM-1)
NUMBER OF SEQUENCES: 2390
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Suite 4700
STATE: Los Angeles
COUNTRY: U.S.A.

two

two

SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/292,620A
FILING DATE: August 17, 1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA: including application
PRIOR APPLICATION DATA: described below:
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/149
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 442:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-292-620A-442

Query Match 0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 57.1%; Pred. No. 3.7e-02;
Matches 8; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 1170 CAACTTGGCGCTC 1183
DB 2 CAACUUUCAGCUC 15

RESULT 517
US-08-292-620A-614
Sequence 614, Application US/08292620A
Patent No. 5837542
GENERAL INFORMATION:
APPLICANT: Susan Grimm
APPLICANT: Dan T. Stinchcomb
APPLICANT: James McSwigen
APPLICANT: Sean Sullivan
APPLICANT: Kenneth G. Draper
TITLE OF INVENTION: RIBOZYME TREATMENT OF
TITLE OF INVENTION: DISEASES OR CONDITIONS
TITLE OF INVENTION: RELATED TO LEVELS OF
TITLE OF INVENTION: INTRACELLULAR ADHESION
TITLE OF INVENTION: MOLECULE-1 (1-CAM-1)
NUMBER OF SEQUENCES: 2390
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/292,620A
FILING DATE: August 17, 1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA: including application

PRIOR APPLICATION DATA: described below:
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/149
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 614:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-292-620A-614

Query Match 0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 57.1%; Pred. No. 3.7e-02;
Matches 8; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 1171 AACTTTGGCGCTCC 1184
DB 1 AACUUUCAGCUCC 14

RESULT 518
US-08-894-922A-1/c
Sequence 1, Application US/08894922A
Patent No. 5863765
GENERAL INFORMATION:
APPLICANT: BERRY, Mark John
APPLICANT: DAVIS, Paul James
APPLICANT: VAN DER LOGT, Cornelius P.E.
APPLICANT: WHITEHAM, Garry Clark
TITLE OF INVENTION: PRODUCTION IN YEASTS OF STABLE ANTIBODY
NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fallsbury Madison & Sutro, L.L.P.
STREET: 1100 New York Avenue, N.W.
CITY: Washington
STATE: D.C.
COUNTRY: United States
ZIP: 20005-3918
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: MS Word
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/894,922A
FILING DATE: 03-SEP-1997
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: GB 9504344.4
FILING DATE: 03-MAR-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/GB96/00468
FILING DATE: 01-MAR-1996
ATTORNEY/AGENT INFORMATION:
NAME: Korulis, Paul K.
REGISTRATION NUMBER: 16,773
REFERENCE/DOCKET NUMBER: 60113/241261
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202)-861-3503
TELEFAX: (202)-822-0944
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs

FRAGM


```
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
US-08-894-922A-1

Query Match      0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 924 CCTTTATCCCTCC 937
Db 15 CCTTTATCCATC 2

RESULT 519
US-08-774-306A-278
; Sequence 278, Application US/08774306A
; Patent No. 5869253
; GENERAL INFORMATION:
; APPLICANT: Draper, Kenneth G.
; TITLE OF INVENTION: METHOD AND REAGENT FOR
; TITLE OF INVENTION: INHIBITING HEPATITIS C
; TITLE OF INVENTION: VIRUS REPLICATION
; NUMBER OF SEQUENCES: 497
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/774,306A
; FILING DATE: December 26, 1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/182,968
; FILING DATE: January 13, 1994
; APPLICATION NUMBER: 07/882,888
; FILING DATE: May 14, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 223/227
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 278:
; LENGTH: 15
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-774-306A-278

Query Match      0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 78.6%; Pred. No. 3.7e+02;
Matches 11; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 872 AGGACTCAGGCACC 885
Db 2 AGGGCUCAGGCUC 15

RESULT 520
```

```
US-08-774-306A-363/c
; Sequence 363, Application US/08774306A
; Patent No. 5869253
; GENERAL INFORMATION:
; APPLICANT: Draper, Kenneth G.
; TITLE OF INVENTION: METHOD AND REAGENT FOR
; TITLE OF INVENTION: INHIBITING HEPATITIS C
; TITLE OF INVENTION: VIRUS REPLICATION
; NUMBER OF SEQUENCES: 497
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; OPERATING SYSTEM: IBM Compatible
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/774,306A
; FILING DATE: December 26, 1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/182,968
; FILING DATE: January 13, 1994
; APPLICATION NUMBER: 07/882,888
; FILING DATE: May 14, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 223/227
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 363:
; LENGTH: 15
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-774-306A-363

Query Match      0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1211 AGGGGGCTGACCCC 1224
Db 14 AGGGGGGAGACCCC 1

RESULT 521
US-08-418-085-73
; Sequence 73, Application US/08418085
; Patent No. 5869283
; GENERAL INFORMATION:
; APPLICANT: SLIJKHUIS, HERMAN; SELTEN, GERARDUS CORNELIS
; APPLICANT: MARIA; SMAAL, ERIC BASTIAN
; TITLE OF INVENTION: PROCESS FOR OXIDATION OF STEROIDS AND
; TITLE OF INVENTION: GENETICALLY ENGINEERED CELLS USED THEREIN
; NUMBER OF SEQUENCES: 79
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BIERMAN & MUSERLIAN
; STREET: 600 THIRD AVENUE
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10016
```

```

;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: FLOPPY DISK
; COMPUTER: IBM PC COMPATIBLE
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: ASCII
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/418,085
; FILING DATE: 06-APR-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/054,185
; FILING DATE: 26-APR-1993
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/002,608
; FILING DATE: 11-JAN-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/07/474,857
; FILING DATE: 30-OCT-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/07/474,798
; FILING DATE: 16-JULY-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/NL89/00072
; FILING DATE: 25-SEP-1989
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: NL/88/200904.6
; FILING DATE: 08-MAY-88
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: NL/88/202080.3
; FILING DATE: 03-SEP-88
; ATTORNEY/AGENT INFORMATION:
; NAME: CHARLES A. MUSERLIAN
; REGISTRATION NUMBER: 19,683
; REFERENCE/DOCKET NUMBER: 146,1169 CON-1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 661-8000
; TELEFAX: (212) 661-8002
; INFORMATION FOR SEQ ID NO: 73:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15
; TYPE: NUCLEIC ACID
; STRANDEDNESS: SINGLE
; TOPOLOGY: LINEAR
; US-08-418-085-73

Query Match 0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1056 GGCCCCAAACCCAA 1069
Db 1 GGCCGCAAAACCAA 14

RESULT 522
US-08-585-684B-202
; Sequence 202, Application US/08585684B
; Patent No. 5877021
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Daniel T.
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
; TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
; NUMBER OF SEQUENCES: 2751
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSEQ Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/585,684B
; FILING DATE: January 16, 1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/000,951
; FILING DATE: July 7, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/078
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 202:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-585-684B-202

Query Match 0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 78.6%; Pred. No. 3.7e+02;
Matches 11; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 1094 CCCCCCCTGGGC 1107
Db 1 CUCCCAUCCUGGCG 14

RESULT 523
US-08-585-684B-271
; Sequence 271, Application US/08585684B
; Patent No. 5877021
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Daniel T.
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
; TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
; NUMBER OF SEQUENCES: 2751
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSEQ Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/585,684B
; FILING DATE: January 16, 1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/000,951
; FILING DATE: July 7, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard

```

```

; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/078
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 271:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-585-684B-271

Query Match 0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 42.9%; Pred. No. 3.7e+02;
Matches 6; Conservative 6; Mismatches 2; Indels 0; Gaps 0;

Qy 943 ATTGGTTTAATGTA 956
Db 1 AUUUGCUUAUGA 14

RESULT 524
US-08-585-684B-643
; Sequence 643, Application US/08585684B
; Patent No. 5877021
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Daniel T.
; APPLICANT: Jarvis, Thale
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
; TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
; NUMBER OF SEQUENCES: 2751
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSEQ Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/585,684B
; FILING DATE: January 16, 1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/000,951
; FILING DATE: July 7, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/078
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 643:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-585-684B-643

Query Match 0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 816 AAGCCTGGAGTGCA 829
Db 1 15 AAGCCTGGAGTGCA 2

RESULT 526
US-08-740-821-8/c
; Sequence 8, Application US/08740821
; Patent No. 5910583
; GENERAL INFORMATION:
; APPLICANT: Marks, Jeffrey R.
; APPLICANT: Vaughn, James P.
; APPLICANT: Iglehart, James D.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDES

```

```

; NUMBER OF SEQUENCES: 8
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Bell, Seltzer, Park & Gibson, P.A.
; STREET: Post Office Drawer 34009
; CITY: Charlotte
; STATE: NC. 5910583th Carolina
; COUNTRY: USA
; ZIP: 28234
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/740,821
; FILING DATE: 04-NOV-1996
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Sibley, Kenneth D.
; REGISTRATION NUMBER: 31,665
; REFERENCE/DOCKET NUMBER: 5405-134
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 919-420-2200
; TELEFAX: 919-881-3175
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "OLIGONUCLEOTIDE"
US-08-740-821-8
;
; Query Match 0.5%; Score 10.8; DB 1; Length 15;
; Best Local Similarity 85.7%; Pred. No. 3.7e+02;
; Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
;
QY 1016 AAAAAAGGGGGAG 1029
Db 15 AAAAAAGAGAGAG 2
;
; RESULT 527
US-08-477-553A-2/c
; Sequence 2, Application US/08477553A
; Patent No. 5919910
; GENERAL INFORMATION:
; APPLICANT: HUGHES-JONES, Nevin C
; TITLE OF INVENTION: MONOCLONAL ANTIBODIES
; NUMBER OF SEQUENCES: 55
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Burns, Doane, Swecker & Mathis
; STREET: P.O. Box 1404
; CITY: Alexandria
; STATE: VA
; COUNTRY: USA
; ZIP: 22313-1404
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/477,553A
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/856,034
; FILING DATE: 23-JUNE-1992
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: GB 8925590.5
```

```

; FILING DATE: 13-NOV-1989
; ATTORNEY/AGENT INFORMATION:
; NAME: Meuth, Donna M.
; REGISTRATION NUMBER: 36,607
; REFERENCE/DOCKET NUMBER: 007330-032
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703) 836-6620
; TELEFAX: (703) 836-2021
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-477-553A-2
;
; Query Match 0.5%; Score 10.8; DB 1; Length 15;
; Best Local Similarity 85.7%; Pred. No. 3.7e+02;
; Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
;
QY 795 CTCCTGTAGTAAC 808
Db 14 CTCAGTAGGAACT 1
;
; RESULT 528
US-08-403-888A-24/c
; Sequence 24, Application US/08403888A
; Patent No. 5952490
; GENERAL INFORMATION:
; APPLICANT: Hanecak et al.
; TITLE OF INVENTION: Oligonucleotides Having A Conserved G4 Core
; NUMBER OF SEQUENCES: 146
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5952490ris LLP
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: U.S.A.
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WordPerfect 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/403,888A
; FILING DATE: 12-JUN-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/954,185
; FILING DATE: 29-SEP-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Paul K. Legaard
; REGISTRATION NUMBER: 38,534
; REFERENCE/DOCKET NUMBER: IS18-1229
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-568-3100
; TELEFAX: 215-568-3439
; INFORMATION FOR SEQ ID NO: 24:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-403-888A-24
;
; Query Match 0.5%; Score 10.8; DB 1; Length 15;
; Best Local Similarity 85.7%; Pred. No. 3.7e+02;
; Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
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Qy 1257 CCCCAACCCCTTC 1270
Db 15 CCCCAACCCGGTC 2

RESULT 529
US-08-931-047-28
; Sequence 28, Application US/08931047
; Patent No. 5965417
; GENERAL INFORMATION:
; APPLICANT:
; TITLE OF INVENTION: DNA sequence coding for a protein of
; TITLE OF INVENTION: A. thaliana having a delta-5,7 sterol,
; TITLE OF INVENTION: delta-7 reductase activity, delta7-Red
; TITLE OF INVENTION: protein, production process, strains
; TITLE OF INVENTION: Of transformed yeasts, uses.
; NUMBER OF SEQUENCES: 31
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/931,047
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: FR 9501723
; FILING DATE: 15-FEB-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: FR 9506517
; FILING DATE: 01-JUN-1995
; INFORMATION FOR SEQ ID NO: 28:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "OLIGONUCLEOTIDE"
US-08-931-047-28
Query Match 0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1056 GGCCCAACCCAA 1069
Db 1 GGCCGCAAAACCAA 14

RESULT 530
US-08-343-998-24
; Sequence 24, Application US/08343998A
; Patent No. 6020123
; GENERAL INFORMATION:
; APPLICANT: Sonigo, Pierre
; APPLICANT: Brechot, Christian
; APPLICANT: Courgnard, Valerie
; TITLE OF INVENTION: OLIGONUCLEOTIDE SEQUENCES FOR THE AMPLIFICATION OF THE
; TITLE OF INVENTION: GENOME OF THE RETROVIRUSES OF THE HIV-2 AND SIV TYPE,
; TITLE OF INVENTION: AND THEIR USES FOR IN VITRO DIAGNOSIS OF THE INFECTIONS
; TITLE OF INVENTION: DUE TO THESE VIRUSES
; FILE REFERENCE: 2356.0065-01
; CURRENT APPLICATION NUMBER: US/08/343,998A
; CURRENT FILING DATE: 1994-11-18
; EARLIER APPLICATION NUMBER: 07/820,600
; EARLIER FILING DATE: 1992-01-22
; EARLIER APPLICATION NUMBER: PCT/FR90/00394
; EARLIER FILING DATE: 1990-06-05
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 24
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Simian immunodeficiency virus
; FEATURE:
US-08-343-998-24
Query Match 0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1191 AGAGGTGGCACCAC 1204
Db 1 AGAGGTGGCAGAAC 14

RESULT 532
US-08-486-343A-6
; Sequence 6, Application US/08486343A
; Patent No. 6071695
; GENERAL INFORMATION:
; APPLICANT: OZKAYNAK, ENGIN
; APPLICANT: OPPERMANN, HERMANN
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR MODULATING
; TITLE OF INVENTION: MORPHOGENIC PROTEIN EXPRESSION
; NUMBER OF SEQUENCES: 7
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: PATENT ADMINISTRATOR, CREATIVE BIOMOLECULES
; ADDRESSEE: INC.
```

STREET: 45 SOUTH STREET
CITY: HOPKINTON
STATE: MA
COUNTRY: USA
ZIP: 07148
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/486,343A
FILING DATE: 07-JUN-1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: PITCHER, Edmund R
REGISTRATION NUMBER: 27,829
REFERENCE/DOCKET NUMBER: CRP-091CP
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617)-248-7000
TELEFAX: (617)-248-7100
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
FEATURE:
NAME/KEY: misc feature
LOCATION: 1..15
OTHER INFORMATION: /note= "WT1/EGR MOUSE TCC BINDING"
OTHER INFORMATION: SITE"
US-08-486-343A-6

Query Match 0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1136 CCTCCAGCTCCACC 1149
Db 2 CCTCCGCTCTCC 15

RESULT 533
US-08-959-853-7/c
Sequence 7, Application US/08959853
Patent No. 6050553
GENERAL INFORMATION:
APPLICANT: Robert S. Matson
TITLE OF INVENTION: USE OF URACIL-DNA GLYCOSYLASE
TITLE OF INVENTION: IN GENETIC ANALYSIS
NUMBER OF SEQUENCES: 10
CORRESPONDENCE ADDRESS:
ADDRESSEE: Beckman Instruments, Inc.
STREET: 2500 Harbor Boulevard
CITY: Fullerton
STATE: California
ZIP: 92834-3100
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage
COMPUTER: IBM compatible
OPERATING SYSTEM: WINDOWS 95 - WORDPERFECT 7.0
SOFTWARE: ASCII (ICS) TEXT
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/959,853
FILING DATE: herewith
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: P. R. Harder
REGISTRATION NUMBER: 20,022
REFERENCE/DOCKET NUMBER: 450-1566
TELECOMMUNICATION INFORMATION:

TELEPHONE: (714) 773-6929
TELEFAX: (714) 773-7936
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-959-853-7

Query Match 0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 911 TCTTGGTCTTTC 924
Db 15 TCTTGGTCTTTC 2

RESULT 534
US-08-963-472-5
Sequence 5, Application US/08963472
Patent No. 6110676
GENERAL INFORMATION:
APPLICANT: COULL, JAMES M.
APPLICANT: HYLDIG-NIELSEN, JENS J.
APPLICANT: GODTEREDSEN, SVEN E.
APPLICANT: FIANDACA, MARK J.
APPLICANT: STEFANO, KYRIAKI
TITLE OF INVENTION: METHODS, KITS AND COMPOSITIONS FOR
TITLE OF INVENTION: SUPPRESSING THE BINDING OF DETECTABLE PROBES TO NON-TARGET
TITLE OF INVENTION: SEQUENCES IN HYBRIDIZATION ASSAYS
NUMBER OF SEQUENCES: 16
CORRESPONDENCE ADDRESS:
ADDRESSEE: BOSTON PROBES, INC.
STREET: 75B WIGGINS AVE
CITY: BEDFORD
STATE: MA
COUNTRY: UNITED STATES
ZIP: 01730
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/963,472
FILING DATE: 03-NOV-1997
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/032,349
FILING DATE: 04-DEC-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/937,709
FILING DATE: 25-SEP-1997
ATTORNEY/AGENT INFORMATION:
NAME: GILDEA, BRIAN D.
REGISTRATION NUMBER: 39,995
REFERENCE/DOCKET NUMBER: BP9701US-CF1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 781-271-1100 X 224
TELEFAX: 781-276-4931
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "5'-FLUORESCIN LABELED"
DESCRIPTION: OLIGONUCLEOTIDE"
HYPOTHETICAL: NO

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; ANTI-SENSE: NO
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: <1
; OTHER INFORMATION: /label= 5'-fluorescein
US-08-963-472-5

Query Match      0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1134 CACCTCCAGCTCCA 1147
Db 2 CGCCACAGCTCCA 15

RESULT 535
US-08-963-472-5/c
; Sequence 5, Application US/08963472
; Patent No. 6110676
; GENERAL INFORMATION:
; APPLICANT: COULL, JAMES M.
; APPLICANT: HYLDIG-NIELSEN, JENS J.
; APPLICANT: GODTFREDSEN, SVEN E.
; APPLICANT: FIANDACA, MARK J.
; APPLICANT: STEFANO, KYRIAKI
; TITLE OF INVENTION: METHODS, KITS AND COMPOSITIONS FOR
; TITLE OF INVENTION: SUPPRESSING THE BINDING OF DETECTABLE PROBES TO NON-TARGET
; TITLE OF INVENTION: SEQUENCES IN HYBRIDIZATION ASSAYS
; NUMBER OF SEQUENCES: 16
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BOSTON PROBES, INC.
; STREET: 75E WIGGINS AVE
; CITY: BEDFORD
; STATE: MA
; COUNTRY: UNITED STATES
; ZIP: 01730
; COMPUTER READABLE FORM:
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; FILING DATE: 03-NOV-1997
; CLASSIFICATION: 435
; PRIOR APPLICATION NUMBER: US 60/032,349
; FILING DATE: 04-DEC-1996
; APPLICATION NUMBER: US 08/937,709
; FILING DATE: 25-SEP-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: GILDEA, BRIAN D.
; REGISTRATION NUMBER: 39,995
; REFERENCE/DOCKET NUMBER: BP9701US-CPI
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 781-271-1100 X 224
; TELEFAX: 781-276-4931
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "5'-FLUORESCCEIN LABELED"
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: <1

; OTHER INFORMATION: /label= 5'-fluorescein
US-08-963-472-5

Query Match      0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 302 TGGAGCTGTGTGTG 315
Db 15 TGGAGCTGTGTGCG 2

RESULT 536
US-08-963-472-9
; Sequence 9, Application US/08963472
; Patent No. 6110676
; GENERAL INFORMATION:
; APPLICANT: COULL, JAMES M.
; APPLICANT: HYLDIG-NIELSEN, JENS J.
; APPLICANT: GODTFREDSEN, SVEN E.
; APPLICANT: FIANDACA, MARK J.
; APPLICANT: STEFANO, KYRIAKI
; TITLE OF INVENTION: METHODS, KITS AND COMPOSITIONS FOR
; TITLE OF INVENTION: SUPPRESSING THE BINDING OF DETECTABLE PROBES TO NON-TARGET
; TITLE OF INVENTION: SEQUENCES IN HYBRIDIZATION ASSAYS
; NUMBER OF SEQUENCES: 16
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BOSTON PROBES, INC.
; STREET: 75E WIGGINS AVE
; CITY: BEDFORD
; STATE: MA
; COUNTRY: UNITED STATES
; ZIP: 01730
; COMPUTER READABLE FORM:
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; FILING DATE: 03-NOV-1997
; CLASSIFICATION: 435
; PRIOR APPLICATION NUMBER: US 60/032,349
; FILING DATE: 04-DEC-1996
; APPLICATION NUMBER: US 08/937,709
; FILING DATE: 25-SEP-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: GILDEA, BRIAN D.
; REGISTRATION NUMBER: 39,995
; REFERENCE/DOCKET NUMBER: BP9701US-CPI
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 781-271-1100 X 224
; TELEFAX: 781-276-4931
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "OLIGONUCLEOTIDE"
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: <1

; OTHER INFORMATION: /label= 5'-fluorescein
US-08-963-472-5

Query Match      0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1134 CACCTCCAGCTCCA 1147
Db 2 CGCCACAGCTCCA 15

RESULT 535
US-08-963-472-5/c
; Sequence 5, Application US/08963472
; Patent No. 6110676
; GENERAL INFORMATION:
; APPLICANT: COULL, JAMES M.
; APPLICANT: HYLDIG-NIELSEN, JENS J.
; APPLICANT: GODTFREDSEN, SVEN E.
; APPLICANT: FIANDACA, MARK J.
; APPLICANT: STEFANO, KYRIAKI
; TITLE OF INVENTION: METHODS, KITS AND COMPOSITIONS FOR
; TITLE OF INVENTION: SUPPRESSING THE BINDING OF DETECTABLE PROBES TO NON-TARGET
; TITLE OF INVENTION: SEQUENCES IN HYBRIDIZATION ASSAYS
; NUMBER OF SEQUENCES: 16
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BOSTON PROBES, INC.
; STREET: 75E WIGGINS AVE
; CITY: BEDFORD
; STATE: MA
; COUNTRY: UNITED STATES
; ZIP: 01730
; COMPUTER READABLE FORM:
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; FILING DATE: 03-NOV-1997
; CLASSIFICATION: 435
; PRIOR APPLICATION NUMBER: US 60/032,349
; FILING DATE: 04-DEC-1996
; APPLICATION NUMBER: US 08/937,709
; FILING DATE: 25-SEP-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: GILDEA, BRIAN D.
; REGISTRATION NUMBER: 39,995
; REFERENCE/DOCKET NUMBER: BP9701US-CPI
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 781-271-1100 X 224
; TELEFAX: 781-276-4931
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "5'-FLUORESCCEIN LABELED"
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: <1
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Db 2 CGCCACCAGCTCCA 15

RESULT 537
US-08-963-472-9/c
; Sequence 9, Application US/08963472
; Patent No. 6110676
; GENERAL INFORMATION:
; APPLICANT: COULL, JAMES M.
; APPLICANT: HVLIDIG-NIELSEN, JENS J.
; APPLICANT: GODTFREDSEN, SVEN E.
; APPLICANT: FIANDACA, MARK J.
; APPLICANT: STEFANO, KYRIAKI
; TITLE OF INVENTION: METHODS, KITS AND COMPOSITIONS FOR
; TITLE OF INVENTION: SUPPRESSING THE BINDING OF DETECTABLE PROBES TO NON-TARGET
; TITLE OF INVENTION: SEQUENCES IN HYBRIDIZATION ASSAYS
; NUMBER OF SEQUENCES: 16
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BOSTON PROBES, INC.
; STREET: 75E WIGGINS AVE
; CITY: BEDFORD
; STATE: MA
; COUNTRY: UNITED STATES
; ZIP: 01730
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/963,472
; FILING DATE: 03-NOV-1997
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/032,349
; FILING DATE: 04-DEC-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/937,709
; FILING DATE: 25-SEP-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: GILDEA, BRIAN D.
; REGISTRATION NUMBER: 39,995
; REFERENCE/DOCKET NUMBER: BP9701US-CP1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 781-271-1100 X 224
; TELEFAX: 781-276-4931
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "OLIGONUCLEOTIDE"
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
US-08-963-472-9

Query Match 0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 302 TGGAGCTGTGTGTG 315
Db 15 TGGAGCTGTGTGCG 2

RESULT 538
US-09-064-156A-278
; Sequence 278, Application US/09064156A
; Patent No. 6132966
; GENERAL INFORMATION:
; APPLICANT: Draper, Kenneth G.

Query Match 0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 78.6%; Pred. No. 3.7e+02;
Matches 11; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

Qy 872 AGGACTCAGGCACC 885
Db 2 AGGGCTCAGGCACC 15

RESULT 539
US-09-064-156A-363/c
; Sequence 363, Application US/09064156A
; Patent No. 6132966
; GENERAL INFORMATION:
; APPLICANT: Draper, Kenneth G.
; TITLE OF INVENTION: METHOD AND REAGENT FOR
; TITLE OF INVENTION: INHIBITING HEPATITIS C
; TITLE OF INVENTION: VIRUS REPLICATION
; NUMBER OF SEQUENCES: 498
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

;; MEDIUM TYPE: storage
;; COMPUTER: IBM Compatible
;; OPERATING SYSTEM: IBM P.C. DOS 5.0
;; SOFTWARE: Word Perfect 5.1
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/09/064,156A
;; FILING DATE: April 21, 1998
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: 08/774,306
;; FILING DATE: December 26, 1996
;; APPLICATION NUMBER: 08/182,968
;; FILING DATE: January 13, 1994
;; APPLICATION NUMBER: 07/882,888
;; FILING DATE: May 14, 1992
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Warburg, Richard J.
;; REGISTRATION NUMBER: 32,327
;; REFERENCE/DOCKET NUMBER: 234/083
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (213) 489-1600
;; TELEFAX: (213) 955-0440
;; TELEX: 67-3510
;; INFORMATION FOR SEQ ID NO: 363:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 15
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; US-09-064-156A-363

Query Match 0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1211 AGGGGGGTGACCCC 1224
DB 14 AGGGGGGAGACCCC 1

RESULT 540
US-09-071-845-149/c
; Sequence 149, Application US/09071845
; Patent No. 6132967
; GENERAL INFORMATION:
; APPLICANT: Susan Grimm
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James McSwiggen
; APPLICANT: Sean Sullivan
; APPLICANT: Kenneth G. Draper
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: INTRACELLULAR ADHESION
; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
; NUMBER OF SEQUENCES: 2390
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/071,845
; FILING DATE:
; CLASSIFICATION:

;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: US/08/292,620
;; FILING DATE: August 17, 1994
;; APPLICATION NUMBER: 08/008,895
;; FILING DATE: January 19, 1993
;; APPLICATION NUMBER: 07/989,849
;; FILING DATE: December 7, 1992
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Warburg, Richard J.
;; REGISTRATION NUMBER: 32,327
;; REFERENCE/DOCKET NUMBER: 208/149
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (213) 489-1600
;; TELEFAX: (213) 955-0440
;; TELEX: 67-3510
;; INFORMATION FOR SEQ ID NO: 149:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 15 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; US-09-071-845-149

Query Match 0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 884 CCACAGTGTGTG 897
DB 15 CCACAGTGATGATG 2

RESULT 541
US-09-071-845-173
; Sequence 173, Application US/09071845
; Patent No. 6132967
; GENERAL INFORMATION:
; APPLICANT: Susan Grimm
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James McSwiggen
; APPLICANT: Sean Sullivan
; APPLICANT: Kenneth G. Draper
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: INTRACELLULAR ADHESION
; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
; NUMBER OF SEQUENCES: 2390
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/071,845
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/292,620
; FILING DATE: August 17, 1994
; APPLICATION NUMBER: 08/008,895
; FILING DATE: January 19, 1993
; APPLICATION NUMBER: 07/989,849
; FILING DATE: December 7, 1992

INFORMATION FOR SEQ ID NO: 442:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 15 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear

US-09-071-845-442

Query Match 0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 57.1%; Pred. No. 3.7e+02;
Matches 8; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 1170 CAACCTTGGCGCTC 1183
Db 2 CAACUUCAGCUC 15
||||:|

RESULT 544

US-09-071-845-614
; Sequence 614, Application US/09071845
; Patent No. 6132967

; GENERAL INFORMATION:
; APPLICANT: Susan Grimm
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James McSwiggen
; APPLICANT: Sean Sullivan
; APPLICANT: Kenneth G. Draper
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: INTRACELLULAR ADHESION
; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
; NUMBER OF SEQUENCES: 2390
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066

; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/071.845
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/292.620
; FILING DATE: August 17, 1994
; APPLICATION NUMBER: 08/008.895
; FILING DATE: January 19, 1993
; APPLICATION NUMBER: 07/989.849
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 208/149
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 614:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear

US-09-071-845-614
Query Match 0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 57.1%; Pred. No. 3.7e+02;
Matches 8; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 1171 AACCTTGGCGCTCC 1184

Db 1 AACUUCAGCUC 14
||||:|

RESULT 545

US-09-099-011A-73
; Sequence 73, Application US/09099011A
; Patent No. 6171836

; GENERAL INFORMATION:
; APPLICANT: SLIJKHUIS, HERMAN; SELTEN,
; APPLICANT: GERARDUS CORNELIS MARIA; SMAAL,
; APPLICANT: ERIC BASTIAN
; TITLE OF INVENTION: PROCESS FOR OXIDATION OF
; TITLE OF INVENTION: STEROIDS AND GENETICALLY ENGINEERED CELLS
; TITLE OF INVENTION: USED THEREIN
; NUMBER OF SEQUENCES: 79
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BIERMAN, MUSERLIAN & LUCAS
; STREET: 600 THIRD AVENUE
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10016

; COMPUTER READABLE FORM:
; MEDIUM TYPE: FLOPPY DISK
; COMPUTER: IBM PC COMPATIBLE
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: MICROSOFT WORD 97
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/099,011A
; FILING DATE: 17-JUN-1998
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/418,085
; FILING DATE: 06-APR-1995

; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/054,185
; FILING DATE: 26-APR-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/002,608
; FILING DATE: 11-JAN-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/474,857
; FILING DATE: 30-OCT-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/474,798
; FILING DATE: 16-JULY-1990

; PRIOR APPLICATION DATA: PCT/NL89/00072
; FILING DATE: 25-SEPT-1989
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: NL88/200904.6
; FILING DATE: 06-MAY-1988
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: NL/88/202080.3
; FILING DATE: 03-SEP-1988

; ATTORNEY/AGENT INFORMATION:
; NAME: CHARLES A. MUSERLIAN
; REGISTRATION NUMBER: 19,683
; REFERENCE/DOCKET NUMBER: 146.1169-
; REFERENCE/DOCKET NUMBER: CON-1-DIV-2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 661-8000
; TELEFAX: (212) 661-8002

; INFORMATION FOR SEQ ID NO: 73:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 BASE PAIRS
; TYPE: NUCLEIC ACID
; STRANDEDNESS: SINGLE
; TOPOLOGY: LINEAR

US-09-099-011A-73
Query Match 0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;

```
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 1056 GGCACCAAAACCAA 1069
DB 1 GGCACCAAAACCAA 14

RESULT 546
US-09-177-359-20/c
; Sequence 20, Application US/09177359B
; Patent No. 6183963
; GENERAL INFORMATION:
; APPLICANT: SINNETT, Daniel
; APPLICANT: LABUDA, Daniel
; TITLE OF INVENTION: DETECTION OF CYP1A1, CYP1A4, CYP2D6 AND
; TITLE OF INVENTION: NAT2 VARIANTS BY PCR-ALLELE-SPECIFIC OLIGONUCLEOTIDE (ASO)
; FILE OF INVENTION: ASSAY
; FILE REFERENCE: 12667-17"US" FC/ld
; CURRENT APPLICATION NUMBER: US/09/177,359B
; CURRENT FILING DATE: 1998-10-23
; NUMBER OF SEQ ID NOS: 37
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 20
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: cDNA for use as probes
US-09-177-359-20

Query Match 0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 989 TCATTTGTTGGG 1001
DB 15 TCATTTGTTGGG 2

RESULT 547
US-09-038-073-202
; Sequence 202, Application US/09038073
; Patent No. 6194150
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Daniel T.
; APPLICANT: Jarvis, Thale
; APPLICANT: McSwigen, James
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
; TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
; NUMBER OF SEQUENCES: 2751
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/038,073
; FILING DATE:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/585,684
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/078
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 271:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-038-073-202

Query Match 0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 42.9%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/078
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 202:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-038-073-202

Query Match 0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 78.6%; Pred. No. 3.7e+02;
Matches 11; Conservative 1; Mismatches 2; Indels 0; Gaps 0;
QY 1094 CCCCACCCCTGGGC 1107
DB 1 CCCCACCCCTGGGC 14

RESULT 548
US-09-038-073-271
; Sequence 271, Application US/09038073
; Patent No. 6194150
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Daniel T.
; APPLICANT: Jarvis, Thale
; APPLICANT: McSwigen, James
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
; TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
; NUMBER OF SEQUENCES: 2751
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/038,073
; FILING DATE:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/585,684
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/078
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 271:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-038-073-271

Query Match 0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 42.9%; Pred. No. 3.7e+02;
```

Matches 6; Conservative 6; Mismatches 2; Indels 0; Gaps 0;

QY 943 ATTGGTTAATGTA 956
Db 1 AUUGCUAUGUA 14

RESULT 549

US-09-038-073-643
; Sequence 643, Application US/09038073
; Patent No. 6194150

; GENERAL INFORMATION:

; APPLICANT: Stinchcomb, Daniel T.

; APPLICANT: Jarvis, Thale

; APPLICANT: McSwiggen, James

; TITLE OF INVENTION: METHOD AND REAGENT FOR THE

; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE

; TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES

; NUMBER OF SEQUENCES: 2751

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Lyon & Lyon

; STREET: 633 West Fifth Street

; CITY: Suite 4700

; STATE: Los Angeles

; COUNTRY: U.S.A.

; ZIP: 90071

; COMPUTER READABLE FORM:

; MEDIUM TYPE: 3.5" diskette, 1.44 Mb

; MEDIUM TYPE: storage

; COMPUTER: IBM Compatible

; OPERATING SYSTEM: IBM P.C. DOS 5.0

; SOFTWARE: FastSEQ Version 1.5

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/09/038,073

; FILING DATE:

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 08/585,684

; FILING DATE:

; ATTORNEY/AGENT INFORMATION:

; NAME: Warburg, Richard

; REGISTRATION NUMBER: 32,327

; REFERENCE/DOCKET NUMBER: 218/078

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (213) 489-1600

; TELEFAX: (213) 955-0440

; TELEX: 67-3510

; INFORMATION FOR SEQ ID NO: 643:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 15 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

US-09-038-073-643

Query Match 0.5%; Score 10.8; DB 1; Length 15;

Best Local Similarity 57.1%; Pred. No. 3.7e+02;

Matches 8; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 757 TGCCATGCGAGTTT 770

Db 2 UGCCAUCCAGGCUU 15

RESULT 550

US-09-038-073-643/c

; Sequence 643, Application US/09038073

; Patent No. 6194150

; GENERAL INFORMATION:

; APPLICANT: Stinchcomb, Daniel T.

; APPLICANT: Jarvis, Thale

; APPLICANT: McSwiggen, James

; TITLE OF INVENTION: METHOD AND REAGENT FOR THE

; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE

; TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Lyon & Lyon

; STREET: 633 West Fifth Street

; CITY: Suite 4700

; STATE: Los Angeles

; COUNTRY: U.S.A.

; ZIP: 90071

; COMPUTER READABLE FORM:

; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

; MEDIUM TYPE: storage

; COMPUTER: IBM Compatible

; OPERATING SYSTEM: IBM P.C. DOS 5.0

; SOFTWARE: FastSEQ Version 1.5

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/09/038,073

; FILING DATE:

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 08/585,684

; FILING DATE:

; ATTORNEY/AGENT INFORMATION:

; NAME: Warburg, Richard

; REGISTRATION NUMBER: 32,327

; REFERENCE/DOCKET NUMBER: 218/078

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (213) 489-1600

; TELEFAX: (213) 955-0440

; TELEX: 67-3510

; INFORMATION FOR SEQ ID NO: 643:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 15 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

US-09-038-073-643

Query Match 0.5%; Score 10.8; DB 1; Length 15;

Best Local Similarity 85.7%; Pred. No. 3.7e+02;

Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 816 AAGCCTGGAGTGCA 829

Db 15 AAGCCTGGAGTGCA 2

RESULT 551

US-09-358-972-251

; Sequence 251, Application US/09358972

; Patent No. 6235480

; GENERAL INFORMATION:

; APPLICANT: Shultz, John W.

; APPLICANT: Lewis, Martin K.

; APPLICANT: Lieppe, Donna

; APPLICANT: Mandrekar, Michelle

; APPLICANT: Kephart, Daniel

; APPLICANT: Rhodes, Richard B.

; APPLICANT: Andrews, Christine A.

; APPLICANT: Hartnett, James R.

; APPLICANT: Gu, Trent

; APPLICANT: Olson, Ryan J.

; APPLICANT: Wood, Keith W.

; APPLICANT: Welch, Roy

; TITLE OF INVENTION: Nucleic Acid Detection

; FILE REFERENCE: Pro-103 6868/75528

; CURRENT APPLICATION NUMBER: US/09/358,972

; CURRENT FILING DATE: 1999-07-22

; EARLIER APPLICATION NUMBER: 09/252,436

; EARLIER FILING DATE: 1999-02-18

; EARLIER APPLICATION NUMBER: 09/042,287

; EARLIER FILING DATE: 1998-03-13

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; NUMBER OF SEQ ID NOS: 290
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 251
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:probe to Alu1
; OTHER INFORMATION: human gene
US-09-358-972-251

Query Match          0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1249 GACCCCATCCCA 1262
Db 2 GACCCCATCTCTAA 15

RESULT 552
US-08-338-352-7
; Sequence 7, Application US/08338352
; Patent No. 6235887
; GENERAL INFORMATION:
; APPLICANT: FROEHLER, BRIAN
; APPLICANT: JONES, ROBERT J.
; TITLE OF INVENTION: ENHANCED TRIPLE-HELIX AND DOUBLE-HELIX
; TITLE OF INVENTION: PYRIMIDINES
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSER: MORRISON & FOERSTER
; STREET: 755 Page Mill Road
; CITY: Palo Alto
; STATE: California
; COUNTRY: USA
; ZIP: 94304-1018
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/338,352
; FILING DATE: 14-NOV-1994
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/935,444
; FILING DATE: 25-AUG-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: MURASHIGE, KATE H.
; REGISTRATION NUMBER: 29,959
; REFERENCE/DOCKET NUMBER: 24610-20035.20
; TELEPHONE: (415) 813-5600
; TELEFAX: (415) 494-0792
; TELEX: 706141
; INFORMATION FOR SEQ ID NO: 251:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-338-352-7

Query Match          0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1016 AAAAAAGAGGGGAG 1029
Db 1 AAAAAAGAGAGAGAG 14

RESULT 554
US-09-081-646-79/c
; Sequence 79, Application US/09081646
; Patent No. 6333152
; GENERAL INFORMATION:
; APPLICANT: Kinzler, Kenneth
; APPLICANT: Vogelstein, Bert
; APPLICANT: Zhang, Lin
; APPLICANT: Zhou, Wei
; TITLE OF INVENTION: Gene Expression Profiles in No. 6333152mal and
; FILE REFERENCE: 01107.74664
; CURRENT APPLICATION NUMBER: US/09/081,646
; CURRENT FILING DATE: 1998-05-20
; EARLIER APPLICATION NUMBER: 60/047,352
; EARLIER FILING DATE: 1997-05-21
```

```
RESULT 553
US-08-338-352-13
; Sequence 13, Application US/08338352
; Patent No. 6235887
; GENERAL INFORMATION:
; APPLICANT: FROEHLER, BRIAN
; APPLICANT: JONES, ROBERT J.
; TITLE OF INVENTION: ENHANCED TRIPLE-HELIX AND DOUBLE-HELIX
; TITLE OF INVENTION: PYRIMIDINES
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSER: MORRISON & FOERSTER
; STREET: 755 Page Mill Road
; CITY: Palo Alto
; STATE: California
; COUNTRY: USA
; ZIP: 94304-1018
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/338,352
; FILING DATE: 14-NOV-1994
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/935,444
; FILING DATE: 25-AUG-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: MURASHIGE, KATE H.
; REGISTRATION NUMBER: 29,959
; REFERENCE/DOCKET NUMBER: 24610-20035.20
; TELEPHONE: (415) 813-5600
; TELEFAX: (415) 494-0792
; TELEX: 706141
; INFORMATION FOR SEQ ID NO: 13:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-338-352-13

Query Match          0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1016 AAAAAAGAGGGGAG 1029
Db 1 AAAAAAGAGAGAGAG 14

RESULT 554
US-09-081-646-79/c
; Sequence 79, Application US/09081646
; Patent No. 6333152
; GENERAL INFORMATION:
; APPLICANT: Kinzler, Kenneth
; APPLICANT: Vogelstein, Bert
; APPLICANT: Zhang, Lin
; APPLICANT: Zhou, Wei
; TITLE OF INVENTION: Gene Expression Profiles in No. 6333152mal and
; FILE REFERENCE: 01107.74664
; CURRENT APPLICATION NUMBER: US/09/081,646
; CURRENT FILING DATE: 1998-05-20
; EARLIER APPLICATION NUMBER: 60/047,352
; EARLIER FILING DATE: 1997-05-21
```

```
; NUMBER OF SEQ ID NOS: 871
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 79
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-081-646-79

Query Match      0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1060 CCRAACCCAGCTT 1073
Db 15 CAAACCCAGCAT 2

RESULT 555
US-09-081-646-127
; Sequence 127, Application US/09081646
; Patent No. 6333152
; GENERAL INFORMATION:
; APPLICANT: Kinzler, Kenneth
; APPLICANT: Vogelstein, Bert
; APPLICANT: Zhang, Lin
; APPLICANT: Zhou, Wei
; TITLE OF INVENTION: Gene Expression Profiles in No. 6333152mal and
; FILE REFERENCE: 01107.74664
; CURRENT APPLICATION NUMBER: US/09/081,646
; CURRENT FILING DATE: 1998-05-20
; EARLIER APPLICATION NUMBER: 60/047,352
; EARLIER FILING DATE: 1997-05-21
; NUMBER OF SEQ ID NOS: 871
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 127
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-081-646-127

Query Match      0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1193 AGGTGCCACCAACC 1206
Db 2 ATGTGCCCAACC 15

RESULT 556
US-09-081-646-223
; Sequence 223, Application US/09081646
; Patent No. 6333152
; GENERAL INFORMATION:
; APPLICANT: Kinzler, Kenneth
; APPLICANT: Vogelstein, Bert
; APPLICANT: Zhang, Lin
; APPLICANT: Zhou, Wei
; TITLE OF INVENTION: Gene Expression Profiles in No. 6333152mal and
; FILE REFERENCE: 01107.74664
; CURRENT APPLICATION NUMBER: US/09/081,646
; CURRENT FILING DATE: 1998-05-20
; EARLIER APPLICATION NUMBER: 60/047,352
; EARLIER FILING DATE: 1997-05-21
; NUMBER OF SEQ ID NOS: 871
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 223
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-081-646-223

; NUMBER OF SEQ ID NOS: 871
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 79
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-081-646-79

Query Match      0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1035 AGGAACCTACTACTA 1048
Db 2 ATGAACCTACTACTA 15

RESULT 557
US-09-081-646-546
; Sequence 546, Application US/09081646
; Patent No. 6333152
; GENERAL INFORMATION:
; APPLICANT: Kinzler, Kenneth
; APPLICANT: Vogelstein, Bert
; APPLICANT: Zhang, Lin
; APPLICANT: Zhou, Wei
; TITLE OF INVENTION: Gene Expression Profiles in No. 6333152mal and
; FILE REFERENCE: 01107.74664
; CURRENT APPLICATION NUMBER: US/09/081,646
; CURRENT FILING DATE: 1998-05-20
; EARLIER APPLICATION NUMBER: 60/047,352
; EARLIER FILING DATE: 1997-05-21
; NUMBER OF SEQ ID NOS: 871
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 546
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-081-646-546

Query Match      0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1053 CTTGGCCCCCAACC 1066
Db 1 CATGGCCCCCAACC 14

RESULT 558
US-09-081-646-615
; Sequence 615, Application US/09081646
; Patent No. 6333152
; GENERAL INFORMATION:
; APPLICANT: Kinzler, Kenneth
; APPLICANT: Vogelstein, Bert
; APPLICANT: Zhang, Lin
; APPLICANT: Zhou, Wei
; TITLE OF INVENTION: Gene Expression Profiles in No. 6333152mal and
; FILE REFERENCE: 01107.74664
; CURRENT APPLICATION NUMBER: US/09/081,646
; CURRENT FILING DATE: 1998-05-20
; EARLIER APPLICATION NUMBER: 60/047,352
; EARLIER FILING DATE: 1997-05-21
; NUMBER OF SEQ ID NOS: 871
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 615
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-081-646-615

Query Match      0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1254 CATCCCCCAACCCC 1267
Db 1 CATCCCCCAACCCC 14

RESULT 559
US-09-081-646-615
; Sequence 615, Application US/09081646
; Patent No. 6333152
; GENERAL INFORMATION:
; APPLICANT: Kinzler, Kenneth
; APPLICANT: Vogelstein, Bert
; APPLICANT: Zhang, Lin
; APPLICANT: Zhou, Wei
; TITLE OF INVENTION: Gene Expression Profiles in No. 6333152mal and
; FILE REFERENCE: 01107.74664
; CURRENT APPLICATION NUMBER: US/09/081,646
; CURRENT FILING DATE: 1998-05-20
; EARLIER APPLICATION NUMBER: 60/047,352
; EARLIER FILING DATE: 1997-05-21
; NUMBER OF SEQ ID NOS: 871
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 615
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-081-646-615

Query Match      0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
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Db 1 CATGCTCAACCCCC 14

RESULT 559
US-09-081-646-814
; Sequence 814, Application US/09081646
; Patent No. 6333152
; GENERAL INFORMATION:
; APPLICANT: Kinzler, Kenneth
; APPLICANT: Vogelstein, Bert
; APPLICANT: Zhang, Lin
; APPLICANT: Zhou, Wei
; TITLE OF INVENTION: Gene Expression Profiles in No. 6333152mal and
; FILE REFERENCE: 01107.74664
; CURRENT APPLICATION NUMBER: US/09/081.646
; CURRENT FILING DATE: 1998-05-20
; EARLIER APPLICATION NUMBER: 60/047.352
; EARLIER FILING DATE: 1997-05-21
; NUMBER OF SEQ ID NOS: 871
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 814
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-081-646-814

Query Match 0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1193 AGGTGGGCACACCC 1206
| | | | | | | | | |
Db 2 ATGTGGCCCCACCC 15

RESULT 560
US-09-081-646-852
; Sequence 852, Application US/09081646
; Patent No. 6333152
; GENERAL INFORMATION:
; APPLICANT: Kinzler, Kenneth
; APPLICANT: Vogelstein, Bert
; APPLICANT: Zhang, Lin
; APPLICANT: Zhou, Wei
; TITLE OF INVENTION: Gene Expression Profiles in No. 6333152mal and
; FILE REFERENCE: 01107.74664
; CURRENT APPLICATION NUMBER: US/09/081.646
; CURRENT FILING DATE: 1998-05-20
; EARLIER APPLICATION NUMBER: 60/047.352
; EARLIER FILING DATE: 1997-05-21
; NUMBER OF SEQ ID NOS: 871
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 852
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-081-646-852

Query Match 0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1035 AGGACTACTACTA 1048
| | | | | | | | | |
Db 2 ATGAACATAACTA 15

RESULT 561
US-08-584-040-8476/c
; Sequence 8476, Application US/08584040
; Patent No. 6346398
```

```
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Scinchomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005.974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 8476:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-584-040-8476

Query Match 0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1164 CTGTCCTCAACTTGTG 1177
| | | | | | | | | |
Db 15 CTCTCCCGACTTGTG 2

RESULT 562
US-08-599-738A-6
; Sequence 6, Application US/08599738A
; Patent No. 6380368
; GENERAL INFORMATION:
; APPLICANT: FROEHLER, BRIAN
; APPLICANT: WAGNER, RICK
; APPLICANT: MATTEUCCI, MARK
; APPLICANT: JONES, ROBERT J.
; APPLICANT: GUTIERREZ, ARNOLD J.
; APPLICANT: PUDLO, JEFF
; TITLE OF INVENTION: ENHANCED TRIPLE-HELIX AND DOUBLE-HELIX
; TITLE OF INVENTION: FORMATION WITH OLIGOMERS CONTAINING MODIFIED PYRIMIDINES
; NUMBER OF SEQUENCES: 53
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: GILEAD SCIENCES, INC.
```


STREET: 353 Lakeside Drive
CITY: Foster City
STATE: California
COUNTRY: USA
ZIP: 94404
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/599,738A
FILING DATE: 12-FEB-1996
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/473,481
FILING DATE: 07-JUN-1995
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/965,941
FILING DATE: 23-OCT-1992
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/338,352
FILING DATE: 14-NOV-1994
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/935,444
FILING DATE: 25-AUG-1992
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/799,824
FILING DATE: 26-NOV-1991
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: MUENCHAU, DARYL D.
REGISTRATION NUMBER: 36,616
REFERENCE/DOCKET NUMBER: 162.3D2
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 573-4712
TELEFAX: (415) 573-4899
TELEX:
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-599-738A-6

Query Match 0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1016 AAAAAGAGGGGAG 1029
DB 1 AAAAAGAGAGAGAG 14

RESULT 563
US-08-599-738A-12
; Sequence 12, Application US/08599738A
; Patent No. 6380368
; GENERAL INFORMATION:
; APPLICANT: FROEHLER, BRIAN
; APPLICANT: WAGNER, RICK
; APPLICANT: MATTEUCCI, MARK
; APPLICANT: JONES, ROBERT J.
; APPLICANT: GUTIERREZ, ARNOLD J.

APPLICANT: PUDLO, JEFF
TITLE OF INVENTION: ENHANCED TRIPLE-HELIX AND DOUBLE-HELIX
NUMBER OF SEQUENCES: 53
CORRESPONDENCE ADDRESS:
ADDRESSEE: GILEAD SCIENCES, INC.
STREET: 353 Lakeside Drive
CITY: Foster City
STATE: California
COUNTRY: USA
ZIP: 94404
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/599,738A
FILING DATE: 12-FEB-1996
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/473,481
FILING DATE: 07-JUN-1995
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/976,103
FILING DATE: 25-NOV-1992
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/965,941
FILING DATE: 23-OCT-1992
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/338,352
FILING DATE: 14-NOV-1994
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/935,444
FILING DATE: 25-AUG-1992
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/799,824
FILING DATE: 26-NOV-1991
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: MUENCHAU, DARYL D.
REGISTRATION NUMBER: 36,616
REFERENCE/DOCKET NUMBER: 162.3D2
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 573-4712
TELEFAX: (415) 573-4899
TELEX:
INFORMATION FOR SEQ ID NO: 12:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-599-738A-12

Query Match 0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1016 AAAAAGAGGGGAG 1029
DB 1 AAAAAGAGAGAGAG 14

RESULT 564
US-08-599-738A-40/C
; Sequence 40, Application US/08599738A
; Patent No. 6380368

GENERAL INFORMATION:
APPLICANT: FROEHLER, BRIAN
APPLICANT: WAGNER, RICK
APPLICANT: MATTEUCCI, MARK
APPLICANT: JONES, ROBERT J.
APPLICANT: GUTIERREZ, ARNOLD J.
APPLICANT: PUDLO, JEFF
TITLE OF INVENTION: ENHANCED TRIPLE-HELIX AND DOUBLE-HELIX
TITLE OF INVENTION: FORMATION WITH OLIGOMERS CONTAINING MODIFIED PYRIMIDINES
NUMBER OF SEQUENCES: 53
CORRESPONDENCE ADDRESS:
ADDRESSEE: GILEAD SCIENCES, INC.
CITY: Foster City
STATE: California
COUNTRY: USA
ZIP: 94404
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/599,738A
FILING DATE: 12-FEB-1996
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/473,481
FILING DATE: 07-JUN-1995
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/976,103
FILING DATE: 25-NOV-1992
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/965,941
FILING DATE: 23-OCT-1992
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/338,352
FILING DATE: 14-NOV-1994
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/935,444
FILING DATE: 25-AUG-1992
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/799,824
FILING DATE: 26-NOV-1991
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: MUENCHAU, DARYL D.
REGISTRATION NUMBER: 36,616
REFERENCE/DOCKET NUMBER: 162.3D2
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 573-4712
TELEFAX: (415) 573-4899
TELEX:
INFORMATION FOR SEQ ID NO: 40:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-599-738A-40

Query Match 0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1016 AAAAGAGGGGAG 1029

DB 15 AAAAGAGAGAGAG 2

RESULT 565

US-08-599-738A-49
Sequence 49, Application US/08599738A
Patent No. 6380368
GENERAL INFORMATION:
APPLICANT: FROEHLER, BRIAN
APPLICANT: WAGNER, RICK
APPLICANT: MATTEUCCI, MARK
APPLICANT: JONES, ROBERT J.
APPLICANT: GUTIERREZ, ARNOLD J.
APPLICANT: PUDLO, JEFF
TITLE OF INVENTION: ENHANCED TRIPLE-HELIX AND DOUBLE-HELIX
TITLE OF INVENTION: FORMATION WITH OLIGOMERS CONTAINING MODIFIED PYRIMIDINES
NUMBER OF SEQUENCES: 53
CORRESPONDENCE ADDRESS:
ADDRESSEE: GILEAD SCIENCES, INC.
STREET: 353 Lakeside Drive
CITY: Foster City
STATE: California
COUNTRY: USA
ZIP: 94404
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/599,738A
FILING DATE: 12-FEB-1996
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/473,481
FILING DATE: 07-JUN-1995
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/976,103
FILING DATE: 25-NOV-1992
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/965,941
FILING DATE: 23-OCT-1992
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/338,352
FILING DATE: 14-NOV-1994
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/935,444
FILING DATE: 25-AUG-1992
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/799,824
FILING DATE: 26-NOV-1991
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: MUENCHAU, DARYL D.
REGISTRATION NUMBER: 36,616
REFERENCE/DOCKET NUMBER: 162.3D2
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 573-4712
TELEFAX: (415) 573-4899
TELEX:
INFORMATION FOR SEQ ID NO: 49:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-599-738A-49

Query Match

0.5%; Score 10.8; DB 1; Length 15;

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Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1016 AAAAGAGAGGGGAG 1029
Db 1 AAAAGAGAGAGAG 14

RESULT 566
US-09-383-316-87
; Sequence 87, Application US/09383316
; Patent No. 6391551
; GENERAL INFORMATION:
; APPLICANT: Shultz, John W.
; APPLICANT: Lewis, Martin K.
; APPLICANT: Lipppe, Donna
; APPLICANT: Mandrekar, Michelle
; APPLICANT: Kephart, Daniel
; APPLICANT: Rhodes, Richard B.
; APPLICANT: Andrews, Christine A.
; APPLICANT: Hartnett, James R.
; APPLICANT: Gu, Trent
; APPLICANT: Olson, Ryan J.
; APPLICANT: Wood, Keith W.
; APPLICANT: Welch, Roy
; TITLE OF INVENTION: Nucleic Acid Detection
; CURRENT APPLICATION NUMBER: US/09/383,316
; CURRENT FILING DATE: 1999-08-25
; PRIOR APPLICATION NUMBER: 09/252,436
; PRIOR FILING DATE: 1999-02-18
; PRIOR APPLICATION NUMBER: 09/042,287
; PRIOR FILING DATE: 1998-03-13
; PRIOR APPLICATION NUMBER: 09/358,972
; PRIOR FILING DATE: 1999-07-21
; NUMBER OF SEQ ID NOS: 123
; SOFTWARE: Patent In Ver. 2.1
; SEQ ID NO 87
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: probe to Alu1
; OTHER INFORMATION: human gene
US-09-383-316-87

Query Match 0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1249 GACCCCATCCCCAA 1262
Db 2 GACCCCATCTCTAA 15

RESULT 567
US-08-461-210-26/c
; Sequence 26, Application US/08461210
; Patent No. 6395475
; GENERAL INFORMATION:
; APPLICANT: Leggett, Carol G.
; TITLE OF INVENTION: Semiautomated Method for Fingerprinting
; TITLE OF INVENTION: Bacterial DNA
; NUMBER OF SEQUENCES: 31
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Ruden, Barnett, McClosky, Smith, Schuster &
; ADDRESSEE: Russell
; STREET: 200 East Broward Boulevard
; CITY: Fort Lauderdale
; STATE: Florida
; COUNTRY: USA
; ZIP: 33301
; COMPUTER READABLE FORM:
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```
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/461,210
; FILING DATE:
; CLASSIFICATION: 436
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/064,596
; FILING DATE: 18-MAY-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Manso, Peter J.
; REGISTRATION NUMBER: 32,264
; REFERENCE/DOCKET NUMBER: FL20979-20
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 305/527/2498
; TELEFAX: 305/764/4996
; INFORMATION FOR SEQ ID NO: 26:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-461-210-26

Query Match 0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1252 CCATCCCCCAAGCC 1265
Db 15 CCATCCCCGAATC 2

RESULT 568
US-09-400-502-23
; Sequence 23, Application US/09400502
; Patent No. 6414127
; GENERAL INFORMATION:
; APPLICANT: Lin, Kuei-Ying
; APPLICANT: Matteucci, Mark D.
; TITLE OF INVENTION: Pyrimidine Derivatives For Labeled Binding Partners
; FILE REFERENCE: GLIS0127
; CURRENT APPLICATION NUMBER: US/09/400,502
; CURRENT FILING DATE: 1999-09-21
; PRIOR APPLICATION NUMBER: 08/966,392
; PRIOR FILING DATE: 1997-11-07
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: Patent In version 3.1
; SEQ ID NO 23
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: No. 6414127el Sequence
US-09-400-502-23

Query Match 0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1016 AAAAGAGGGGAG 1029
Db 1 AAAAGAGAGAGAG 14

RESULT 569
US-09-400-502-24
; Sequence 24, Application US/09400502
; Patent No. 6414127
; GENERAL INFORMATION:
```

```
; APPLICANT: Lin, Kuei-Ying
; APPLICANT: Matteucci, Mark D.
; TITLE OF INVENTION: Pyrimidine Derivatives For Labeled Binding Partners
; FILE REFERENCE: GLIS0127
; CURRENT APPLICATION NUMBER: US/09/400,502
; CURRENT FILING DATE: 1999-09-22
; PRIOR APPLICATION NUMBER: 08/966,392
; PRIOR FILING DATE: 1997-11-07
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 24
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: No. 6414127e1 Sequence
US-09-400-502-24

Query Match          0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1016 AAAAAAGAGGGGAG 1029
    |||||
Db 1 AAAAAAGAGAGAG 14

RESULT 570
US-09-456-773-4
; Sequence 4, Application US/09456773
; Patent No. 6441152
; GENERAL INFORMATION:
; APPLICANT: Johansen, Jack T
; APPLICANT: Hyldig-Nielsen, Jens J
; APPLICANT: Flاندaca, Mark J
; APPLICANT: Coull, James M
; TITLE OF INVENTION: Methods, Kits and Compositions For The Identification Of
; FILE REFERENCE: BP9807US
; CURRENT APPLICATION NUMBER: US/09/456,773
; CURRENT FILING DATE: 1999-12-08
; EARLIER APPLICATION NUMBER: 60/111,439
; EARLIER FILING DATE: 1998-12-08
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 4
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)
; OTHER INFORMATION: 5' fluorescein label
; OTHER INFORMATION: Description of Artificial Sequence:synthetic
; OTHER INFORMATION: probe, primer or target
US-09-456-773-4

Query Match          0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1134 CACCTCCAGCTCCA 1147
    |||||
Db 2 CGCCACAGCTCCA 15

RESULT 571
US-09-456-773-4/c
; Sequence 4, Application US/09456773
; Patent No. 6441152
; GENERAL INFORMATION:
; APPLICANT: Johansen, Jack T
```

```
; APPLICANT: Hyldig-Nielsen, Jens J
; APPLICANT: Flاندaca, Mark J
; APPLICANT: Coull, James M
; TITLE OF INVENTION: Methods, Kits and Compositions For The Identification Of
; FILE REFERENCE: BP9807US
; CURRENT APPLICATION NUMBER: US/09/456,773
; CURRENT FILING DATE: 1999-12-08
; EARLIER APPLICATION NUMBER: 60/111,439
; EARLIER FILING DATE: 1998-12-08
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 4
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)
; OTHER INFORMATION: 5' fluorescein label
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:synthetic
; OTHER INFORMATION: probe, primer or target
US-09-456-773-4

Query Match          0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 302 TGGAGCTGTGGTG 315
    |||||
Db 15 TGGAGCTGTGGCG 2

RESULT 572
US-08-906-378-2/c
; Sequence 2, Application US/08906378B
; Patent No. 6447998
; GENERAL INFORMATION:
; APPLICANT: Froehler, Brian C
; APPLICANT: Gutierrez, Arnold J
; APPLICANT: Matteucci, Mark D
; TITLE OF INVENTION: 2-Aminopyridine and 2'-Pyridone C-Nucleosides
; FILE REFERENCE: GLIS0113
; CURRENT APPLICATION NUMBER: US/08/906,378B
; CURRENT FILING DATE: 1997-08-05
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 2
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: No. 6447998e1 Sequence
US-08-906-378-2

Query Match          0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1016 AAAAAAGAGGGGAG 1029
    |||||
Db 15 AAAAAAGAGAGAG 2

RESULT 573
US-08-906-378-9/c
; Sequence 9, Application US/08906378B
; Patent No. 6447998
; GENERAL INFORMATION:
; APPLICANT: Froehler, Brian C
; APPLICANT: Gutierrez, Arnold J
; APPLICANT: Matteucci, Mark D
```

```
; TITLE OF INVENTION: 2-Aminopyridine and 2'-Pyridone C-Nucleosides
; FILE REFERENCE: GLIS0113
; CURRENT APPLICATION NUMBER: US/08/906,378B
; CURRENT FILING DATE: 1997-08-05
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 9
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Combined DNA/RNA Molecule: DNA/RNA
; OTHER INFORMATION: Mixed Oligomer
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: No. 6447998el Sequence
; US-08-906-378-9

Query Match      0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1016 AAAAAGAGGGGAG 1029
Db 15 AAAAAGAGAGAGAG 2

RESULT 574
US-09-179-162A-5
; Sequence 5, Application US/09179162A
; Patent No. 6485901
; GENERAL INFORMATION:
; APPLICANT: Gildea, Brian D.
; APPLICANT: Coull, James M.
; APPLICANT: Hyldig-Nielsen, Jens J.
; APPLICANT: Flindaca, Mark J.
; TITLE OF INVENTION: Methods, Kits and Compositions Pertaining To Linear
; FILE REFERENCE: BP9703US
; CURRENT APPLICATION NUMBER: US/09/179,162A
; CURRENT FILING DATE: 1998-10-26
; PRIOR APPLICATION NUMBER: 60/063,283
; PRIOR FILING DATE: 1997-10-27
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 5
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)
; OTHER INFORMATION: 5' Fluorescein
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (15)
; OTHER INFORMATION: 3' Dabcyl
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: SYNTHETIC
; OTHER INFORMATION: PROBE OR TARGET
; US-09-179-162A-5

Query Match      0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1134 CACCTCCAGCTCCA 1147
Db 2 CGCCACCAGCTCCA 15

RESULT 575
US-09-179-162A-5/c
; Sequence 5, Application US/09179162A
```

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; Patent No. 6485901
; GENERAL INFORMATION:
; APPLICANT: Gildea, Brian D.
; APPLICANT: Coull, James M.
; APPLICANT: Hyldig-Nielsen, Jens J.
; APPLICANT: Flindaca, Mark J.
; TITLE OF INVENTION: Methods, Kits and Compositions Pertaining To Linear
; TITLE OF INVENTION: Beacons
; FILE REFERENCE: BP9703US
; CURRENT APPLICATION NUMBER: US/09/179,162A
; CURRENT FILING DATE: 1998-10-26
; PRIOR APPLICATION NUMBER: 60/063,283
; PRIOR FILING DATE: 1997-10-27
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 5
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)
; OTHER INFORMATION: 5' Fluorescein
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (15)
; OTHER INFORMATION: 3' Dabcyl
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: SYNTHETIC
; OTHER INFORMATION: PROBE OR TARGET
; US-09-179-162A-5

Query Match      0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 302 TGGAGCTGTGGTG 315
Db 15 TGGAGCTGTGGCG 2

RESULT 576
US-09-171-422-2/c
; Sequence 2, Application US/09171422
; Patent No. 6495672
; GENERAL INFORMATION:
; APPLICANT: Froehler, Brian C.
; APPLICANT: Gutierrez, Arnold J.
; APPLICANT: Matteucci, Mark D.
; TITLE OF INVENTION: 2-Aminopyridine and 2'-Pyridone C-Nucleosides
; FILE REFERENCE: GLIS0142
; CURRENT APPLICATION NUMBER: US/09/171,422
; CURRENT FILING DATE: 2000-11-21
; PRIOR APPLICATION NUMBER: 08/906,378
; PRIOR FILING DATE: 1997-08-05
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 2
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: No. 6495672el Sequence
; US-09-171-422-2

Query Match      0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1016 AAAAAGAGGGGAG 1029
Db 15 AAAAAGAGAGAGAG 2
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RESULT 577

US-09-474-432B-137/c
; Sequence 137, Application US/09474432B
; Patent No. 6528640
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Burgin, Alex
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka
; APPLICANT: Sweedler, David
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleot
; FILE REFERENCE: MBH00-831-B (247/276)
; CURRENT APPLICATION NUMBER: US/09/474,432B
; CURRENT FILING DATE: 1999-12-19
; PRIOR APPLICATION NUMBER: US 60/064,866
; PRIOR FILING DATE: 1997-11-05
; PRIOR APPLICATION NUMBER: US 60/084,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: US 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: US 09/301,511
; PRIOR FILING DATE: 1999-04-28
; NUMBER OF SEQ ID NOS: 1526
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 137
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-474-432B-137

Query Match 0.5%; Score 10.8; DB 1; Length 15;

Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1051 CCCTGCGCCCAAA 1064

DB 15 CTCTGCGCCCGAA 2

RESULT 578

US-09-371-772B-4131/c
; Sequence 4131, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MBH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4131
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Mus sp.
US-09-371-772B-4131

Query Match 0.5%; Score 10.8; DB 1; Length 15;

Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1164 CTGTCCCAACTTTG 1177

DB 15 CTCTCCGACTTTG 2

RESULT 579

US-09-476-387-137/c
; Sequence 137, Application US/09476387
; Patent No. 6617438
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka Matulic
; APPLICANT: Sweedler, Dave
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucle
; FILE REFERENCE: MBH00-831-C (249/073)
; CURRENT APPLICATION NUMBER: US/09/476,387
; CURRENT FILING DATE: 2001-04-04
; PRIOR APPLICATION NUMBER: 09/474,432
; PRIOR FILING DATE: 1999-12-29
; PRIOR APPLICATION NUMBER: 09/301,511
; PRIOR FILING DATE: 1999-04-28
; PRIOR APPLICATION NUMBER: 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: 60/083,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/064,866
; PRIOR FILING DATE: 1997-11-05
; NUMBER OF SEQ ID NOS: 1524
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 137
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-476-387-137

Query Match 0.5%; Score 10.8; DB 1; Length 15;

Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1051 CCCTGCGCCCAAA 1064

DB 15 CTCTGCGCCCGAA 2

RESULT 580

US-09-098-877B-73
; Sequence 73, Application US/09098877B
; Patent No. 6632633
; GENERAL INFORMATION:
; APPLICANT: SLIJKHUIS, HERMAN; SELTEN, GERARDUS CORNELIS
; APPLICANT: MARIA; SMAAL, ERIC BASTIAN
; TITLE OF INVENTION: PROCESS FOR OXIDATION OF STEROIDS AND
; TITLE OF INVENTION: GENETICALLY ENGINEERED CELLS USED THEREIN
; NUMBER OF SEQUENCES: 79
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BIERMAN & MUSERLIAN
; STREET: 600 THIRD AVENUE
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10016
; COMPUTER READABLE FORM:
; MEDIUM TYPE: FLOPPY DISK
; COMPUTER: IBM PC COMPATIBLE
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: ASCII
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/098,877B

```
; FILLING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/418,085
; FILING DATE: 06-APR-1995
; APPLICATION NUMBER: US/08/054,185
; FILING DATE: 26-APR-1993
; PRIOR APPLICATION DATA: US/08/002,608
; APPLICATION NUMBER: US/08/002,608
; FILING DATE: 11-JAN-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/07/474,857
; FILING DATE: 30-OCT-1990
; PRIOR APPLICATION DATA: US/07/474,798
; FILING DATE: 16-JULY-1990
; PRIOR APPLICATION DATA: PCT/NL89/00072
; APPLICATION NUMBER: PCT/NL89/00072
; FILING DATE: 25-SEPT-1989
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: NL/88/200904.6
; FILING DATE: 06-MAY-88
; PRIOR APPLICATION DATA: NL/88/202080.3
; APPLICATION NUMBER: NL/88/202080.3
; FILING DATE: 03-SEP-88
; ATTORNEY/AGENT INFORMATION:
; NAME: CHARLES A. MUSERLIAN
; REGISTRATION NUMBER: 19,683
; REFERENCE/DOCKET NUMBER: 146.1169 CON-1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 661-8000
; TELEFAX: (212) 661-8002
; INFORMATION FOR SEQ ID NO: 73:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15
; TYPE: NUCLEIC ACID
; STRANDEDNESS: SINGLE
; TOPOLOGY: LINEAR
;
US-09-098-877B-73

Query Match          0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1056 GGCCCAAAACCCAA 1069
Db 1 GGCCCAAAACCCAA 14

RESULT 581
US-09-950-459-5
; Sequence 5, Application US/09950459
; Patent No. 6649349
; GENERAL INFORMATION:
; APPLICANT: Gildea, Brian D.
; APPLICANT: Coull, James M.
; APPLICANT: Hyldig-Nielsen, Jens J.
; APPLICANT: Flandaca, Mark J.
; TITLE OF INVENTION: Methods, Kits and Compositions Pertaining To Linear
; FILE REFERENCE: BP9703US-DV1
; CURRENT FILING DATE: 2001-09-10
; PRIOR APPLICATION NUMBER: 60/063,283
; PRIOR FILING DATE: 1997-10-27
; PRIOR APPLICATION NUMBER: 09/179,162
; PRIOR FILING DATE: 1998-10-26
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 5
; TYPE: DNA
; ORGANISM: Artificial Sequence
;
FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)
; OTHER INFORMATION: 5' Fluorescein
;
NAME/KEY: misc_feature
; LOCATION: (15)
; OTHER INFORMATION: 3' Dabcyl
;
OTHER INFORMATION: Description of Artificial Sequence: SYNTHETIC
;
OTHER INFORMATION: PROBE OR TARGET
;
US-09-950-459-5

Query Match          0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 302 TCGAGCTGTGGTG 315
Db 15 TCGAGCTGTGGCG 2

RESULT 583
US-10-032-307-68
; Sequence 68, Application US/10032307
; Patent No. 6683173
; GENERAL INFORMATION:
; APPLICANT: Demcoy, Robert O.
; APPLICANT: Call, Alexander A.
; APPLICANT: Lokhov, Sergey G.
; APPLICANT: Afonina, Irina A.
```

```
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)
; OTHER INFORMATION: 5' Fluorescein
;
NAME/KEY: misc_feature
; LOCATION: (15)
; OTHER INFORMATION: 3' Dabcyl
;
OTHER INFORMATION: Description of Artificial Sequence: SYNTHETIC
;
OTHER INFORMATION: PROBE OR TARGET
;
US-09-950-459-5

Query Match          0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1134 CACCTCCAGCTCCA 1147
Db 2 CGCCACCAGCTCCA 15

RESULT 582
US-09-950-459-5/c
; Sequence 5, Application US/09950459
; Patent No. 6649349
; GENERAL INFORMATION:
; APPLICANT: Gildea, Brian D.
; APPLICANT: Coull, James M.
; APPLICANT: Hyldig-Nielsen, Jens J.
; APPLICANT: Flandaca, Mark J.
; TITLE OF INVENTION: Methods, Kits and Compositions Pertaining To Linear
; FILE REFERENCE: BP9703US-DV1
; CURRENT FILING DATE: 2001-09-10
; PRIOR APPLICATION NUMBER: 60/063,283
; PRIOR FILING DATE: 1997-10-27
; PRIOR APPLICATION NUMBER: 09/179,162
; PRIOR FILING DATE: 1998-10-26
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 5
; TYPE: DNA
; ORGANISM: Artificial Sequence
;
FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)
; OTHER INFORMATION: 5' Fluorescein
;
NAME/KEY: misc_feature
; LOCATION: (15)
; OTHER INFORMATION: 3' Dabcyl
;
OTHER INFORMATION: Description of Artificial Sequence: SYNTHETIC
;
OTHER INFORMATION: PROBE OR TARGET
;
US-09-950-459-5

Query Match          0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 302 TCGAGCTGTGGTG 315
Db 15 TCGAGCTGTGGCG 2

RESULT 583
US-10-032-307-68
; Sequence 68, Application US/10032307
; Patent No. 6683173
; GENERAL INFORMATION:
; APPLICANT: Demcoy, Robert O.
; APPLICANT: Call, Alexander A.
; APPLICANT: Lokhov, Sergey G.
; APPLICANT: Afonina, Irina A.
```

; APPLICANT: Singer, Michael J.
; APPLICANT: Kutyavlin, Igor V.
; APPLICANT: Vermeulen, Nicolaas M.J.
; APPLICANT: Epoch Biosciences, Inc.
; TITLE OF INVENTION: T-m Leveling Methods
; FILE REFERENCE: 17682A-003630US
; CURRENT APPLICATION NUMBER: US/10/032,307
; CURRENT FILING DATE: 2001-12-21
; PRIOR APPLICATION NUMBER: US 09/054,830
; PRIOR FILING DATE: 1998-04-03
; PRIOR APPLICATION NUMBER: US 09/054,832
; PRIOR FILING DATE: 1998-04-03
; PRIOR APPLICATION NUMBER: US 09/431,385
; PRIOR FILING DATE: 1999-11-01
; PRIOR APPLICATION NUMBER: US 60/186,046
; PRIOR FILING DATE: 2000-03-01
; PRIOR APPLICATION NUMBER: US 09/640,953
; PRIOR FILING DATE: 2000-08-16
; PRIOR APPLICATION NUMBER: US 09/724,959
; PRIOR FILING DATE: 2000-11-28
; PRIOR APPLICATION NUMBER: US 09/796,988
; PRIOR FILING DATE: 2001-02-28
; NUMBER OF SEQ ID NOS: 90
; SOFTWARE: Patent In Ver. 2.1
; SEQ ID NO 68
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:probe sequence
US-10-032-307-68

Query Match 0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 940 TTCATTCGTTTAAAT 953
|||||
Db 2 TTCATGGGTGAAT 15

RESULT 584
PCT-US93-01880-1/c
; Sequence 1, Application PC/TUS9301880
; GENERAL INFORMATION:
; APPLICANT: Chang, Tse Wen
; TITLE OF INVENTION: Method for selecting low frequency
; TITLE OF INVENTION: antigen-specific single B lymphocytes
; NUMBER OF SEQUENCES: 16
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Tanox Biosystems, Inc.
; STREET: 10301 Stella Link Rd.
; CITY: Houston
; STATE: Texas
; COUNTRY: USA
; ZIP: 77025
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.5 inch
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: DOS 3.30
; SOFTWARE: Wordperfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US93/01880
; FILING DATE: 17 FEB 1993
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/07/905,040
; FILING DATE: 06/26/1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/07/848,249
; FILING DATE: 03/09/1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Mirabel, Eric P.

; REGISTRATION NUMBER: 31,211
; REFERENCE/DOCKET NUMBER: TTX92-2A
; TELEPHONE: (713) 664-2288
; TELEFAX: (713) 664-8914
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 nucleotides
; TYPE: nucleic acid
; STRANDEDNESS: Single stranded
; TOPOLOGY: Linear
PCT-US93-01880-1

Query Match 0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1137 CTCACGCTCCACT 1150
|||||
Db 15 CACCAGCTGCACCT 2

RESULT 585
PCT-US93-12600-14
; Sequence 14, Application PC/TUS9312600
; GENERAL INFORMATION:
; APPLICANT: Denner, Larry A.
; APPLICANT: Reese, Ajay A.
; TITLE OF INVENTION: ANTISENSE MOLECULES DIRECTED AGAINST A
; TITLE OF INVENTION: FIBROBLAST GROWTH FACTOR RECEPTOR GENE FAMILY
; NUMBER OF SEQUENCES: 29
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dressler, Goldsmith, Shore &
; ADDRESSEE: Milnamow, Ltd.
; STREET: 180 North Stetson, Suite 4700
; CITY: Chicago
; STATE: Illinois
; COUNTRY: USA
; ZIP: 60601
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US93/12600
; FILING DATE: 28-DEC-1993
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/999,706
; FILING DATE: December 31, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Katz, Martin L.
; REGISTRATION NUMBER: 25,011
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (312)616-5400
; TELEFAX: (312)616-5460
; INFORMATION FOR SEQ ID NO: 14:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
PCT-US93-12600-14

Query Match 0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1134 CACCTCAGCTCCA 1147
|||||


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Db      2 CACTTCCAGCCCA 15

RESULT 586
PCT-US94-02471-36/c
; Sequence 36, Application PC/TUS9402471
; GENERAL INFORMATION:
; APPLICANT: Draper et al.
; TITLE OF INVENTION: Oligonucleotide Therapies for
; TITLE OF INVENTION: Modulating the Effects of Herpesviruses
; NUMBER OF SEQUENCES: 57
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz
; ADDRESSEE: Mackiewicz & Norris
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US94/02471
; FILING DATE: Herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 485,297
; FILING DATE: February 26, 1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 852,132
; FILING DATE: April 28, 1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 954,185
; FILING DATE: September 29, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISIS-0469
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 36:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; ANTI-SENSE: Yes
PCT-US94-02471-36

Query Match      0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1257 CCCCAACCCCTTC 1270
Db      15 CCCCAACCCCGTC 2

RESULT 587
PCT-US95-07349-6
; Sequence 6, Application PC/TUS9507349
; GENERAL INFORMATION:
; APPLICANT:
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR MODULATING
; TITLE OF INVENTION: MORPHOGEN EXPRESSION
; NUMBER OF SEQUENCES: 7
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: PATENT ADMINISTRATOR, CREATIVE BIOMOLECULES
; ADDRESSEE: INC.

; STREET: 45 SOUTH STREET
; CITY: HOPKINTON
; STATE: MA
; COUNTRY: USA
; ZIP: 07148
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/07349
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/938,021
; FILING DATE: 28-AUG-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: KELLEY, ROBIN D
; REGISTRATION NUMBER: 34,637
; REFERENCE/DOCKET NUMBER: CRP-091PC
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (508)-435-9001
; TELEFAX: (508)-435-0992
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: 1..15
; OTHER INFORMATION: /note= "WT1 MOUSE TCC BINDING SITE"
PCT-US95-07349-6

Query Match      0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1136 CCTCCAGCTCCACC 1149
Db      2 CCTCCGCTCTCC 15

RESULT 588
PCT-US91-03680-98/c
; Sequence 98, Application PC/TUS9103680
; GENERAL INFORMATION:
; APPLICANT: Matteucci, Mark D.
; APPLICANT: Krawczyk, Steven
; TITLE OF INVENTION: SEQUENCE-SPECIFIC NONPHOTOACTIVATED
; TITLE OF INVENTION: CROSSLINKING AGENTS WHICH BIND TO THE MAJOR GROOVE OF
; TITLE OF INVENTION: DUPLEX DNA
; NUMBER OF SEQUENCES: 158
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Morrison & Foerster
; STREET: 545 Middlefield Road, Suite 200
; CITY: Menlo Park
; STATE: California
; COUNTRY: USA
; ZIP: 94025
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US91/03680
; FILING DATE: 19910524
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
```

```

; NAME: Murashige, Kate H.
; REGISTRATION NUMBER: 29,959
; REFERENCE/DOCKET NUMBER: 4610-0011.40
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-327-7250
; TELEFAX: 415-327-2951
; TELEX: 706141
; INFORMATION FOR SEQ ID NO: 98:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 3
; OTHER INFORMATION: /mod_base= OTHER
; OTHER INFORMATION:
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 8..9
; OTHER INFORMATION: /mod_base= OTHER
; OTHER INFORMATION:
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 14
; OTHER INFORMATION: /mod_base= OTHER
; OTHER INFORMATION:
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 16
; OTHER INFORMATION: /mod_base= OTHER
; OTHER INFORMATION: /note= "T-T, linking group o-xylose (nucleotides
; OTHER INFORMATION: that have xylose sugar linked via the o-xylene
; OTHER INFORMATION: ring)"
; PCT-US91-03680-98
;
; Query Match 0.5%; Score 10.8; DB 1; Length 16;
; Best Local Similarity 75.0%; Pred. No. 4.4e+02;
; Matches 9; Conservative 3; Mismatches 0; Indels 0; Gaps 0;
;
; QY 59 GAGAAATATAA 70
; DB 16 GAKAAAKKAAA 5
;
; RESULT 589
; US-09-866-108A-8356
; Sequence 8356, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
;
; NAME: Murashige, Kate H.
; REGISTRATION NUMBER: 29,959
; REFERENCE/DOCKET NUMBER: 4610-0011.40
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-327-7250
; TELEFAX: 415-327-2951
; TELEX: 706141
; INFORMATION FOR SEQ ID NO: 98:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 3
; OTHER INFORMATION: /mod_base= OTHER
; OTHER INFORMATION:
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 8..9
; OTHER INFORMATION: /mod_base= OTHER
; OTHER INFORMATION:
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 14
; OTHER INFORMATION: /mod_base= OTHER
; OTHER INFORMATION:
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 16
; OTHER INFORMATION: /mod_base= OTHER
; OTHER INFORMATION: /note= "T-T, linking group o-xylose (nucleotides
; OTHER INFORMATION: that have xylose sugar linked via the o-xylene
; OTHER INFORMATION: ring)"
; PCT-US91-03680-98
;
; Query Match 0.5%; Score 10.8; DB 1; Length 17;
; Best Local Similarity 85.7%; Pred. No. 5.1e+02;
; Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
;
; QY 1714 CAAGCAGGAGCTAG 1727
; DB 1 CAAGGAGGAGCTGG 14
;
; RESULT 590
; US-08-889-296A-27/c
; Sequence 27, Application US/0889296A
; Patent No. 5872242
; GENERAL INFORMATION:
; APPLICANT: Monia, B. P., Cowser, L.M. and Manoharan, M.
; TITLE OF INVENTION: Antisense Oligonucleotide
; TITLE OF INVENTION: Inhibition of ras
; NUMBER OF SEQUENCES: 55
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Jane Massey Licata
; STREET: 210 Lake Drive East, Suite 201
; CITY: Cherry Hill
; STATE: NJ
; COUNTRY: USA
; ZIP: 08002
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/889,296A
; FILING DATE: herewith
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/411,734
; FILING DATE: April 3, 1995
; PRIOR APPLICATION DATA: PCT/US93/09346
; APPLICATION NUMBER: PCT/US93/09346
; FILING DATE: October 1, 1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 958,134
; FILING DATE: October 5, 1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/007,996
; FILING DATE: January 21, 1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0213
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (609) 779-2400
; TELEFAX: (609) 779-8488
; INFORMATION FOR SEQ ID NO: 27:

```

; SEQUENCE CHARACTERISTICS:
; LENGTH: 17
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-08-889-296A-27

Query Match 0.5%; Score 10.8; DB 1; Length 17;
Best Local Similarity 85.7%; Pred. No. 5.1e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 302 TGGAGCTGTTGGTG 315
| | | | | | | | | | | | | | | | |
Db 17 TGGAGCTGTTGGTG 4

RESULT 591

US-08-848-840A-27/c
; Sequence 27, Application US/08848840A
; Patent No. 5965722

; GENERAL INFORMATION:
; APPLICANT: Moria, et al.
; TITLE OF INVENTION: ANTISENSE INHIBITION OF ras GENE WITH
; TITLE OF INVENTION: CHIMERIC AND ALTERNATING OLIGONUCLEOTIDES
; NUMBER OF SEQUENCES: 33
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5965722rls LLP
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: U.S.A.
; ZIP: 19103

; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch disk, 1.44 MB
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Wordperfect 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/848,840A
; FILING DATE: 30-APR-1997
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/317,289
; FILING DATE: 03-OCT-1994

; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/794,493
; FILING DATE: 04-FEB-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/335,046
; FILING DATE: 07-NOV-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/488,256
; FILING DATE: 07-JUN-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/465,866
; FILING DATE: 06-JUN-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/468,037
; FILING DATE: 06-JUN-1995

; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/411,734
; FILING DATE: 03-APR-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/227,180
; FILING DATE: 13-APR-1994

; ATTORNEY/AGENT INFORMATION:
; NAME: Joseph Lucchi
; REGISTRATION NUMBER: 33,307
; REFERENCE/DOCKET NUMBER: ISIS-2458
; TELEPHONE: 215-568-3100
; TELEFAX: 215-568-3439

; INFORMATION FOR SEQ ID NO: 27:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 bases
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-848-840A-27

Query Match 0.5%; Score 10.8; DB 1; Length 17;
Best Local Similarity 85.7%; Pred. No. 5.1e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 302 TGGAGCTGTTGGTG 315
| | | | | | | | | | | | | | | | |
Db 17 TGGAGCTGTTGGTG 4

RESULT 592

US-08-961-469A-35/c
; Sequence 35, Application US/08961469A
; Patent No. 6083923

; GENERAL INFORMATION:
; APPLICANT: Greg Hardee, Richard Geary, Arthur Levin,
; APPLICANT: Mike Templin, Randy Howard, Rahul Mehta
; TITLE OF INVENTION: LIPOSOMAL OLIGONUCLEOTIDE COMPOSITIONS
; NUMBER OF SEQUENCES: 61
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Jane Massey Licata, Esq.
; STREET: 66 E. Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: USA
; ZIP: 08053

; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
; COMPUTER: PENTIUM
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/961,469A
; FILING DATE: October 31, 1997
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0219
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-779-2400
; TELEFAX: 609-810-1454

; INFORMATION FOR SEQ ID NO: 35:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-08-961-469A-35

Query Match 0.5%; Score 10.8; DB 1; Length 17;
Best Local Similarity 85.7%; Pred. No. 5.1e-02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 302 TGGAGCTGTTGGTG 315
| | | | | | | | | | | | | | | | |
Db 17 TGGAGCTGTTGGTG 4

RESULT 593

US-09-128-494-27/c
; Sequence 27, Application US/09128494

Patent No. 6117848
GENERAL INFORMATION:
APPLICANT: Monia, B.P., Cowser, L.M. and Mancharan, M.
TITLE OF INVENTION: Antisense Oligonucleotide
TITLE OF INVENTION: Inhibition of ras
NUMBER OF SEQUENCES: 55
CORRESPONDENCE ADDRESS:
ADDRESSEE: Jane Massey Licata
STREET: 210 Lake Drive East, Suite 201
CITY: Cherry Hill
STATE: NJ
COUNTRY: USA
ZIP: 08002
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/128,494
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/889,296
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/411,734
FILING DATE: April 3, 1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US93/09346
FILING DATE: October 1, 1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 958,134
FILING DATE: October 5, 1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/007,996
FILING DATE: January 21, 1993
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0213
TELECOMMUNICATION INFORMATION:
TELEPHONE: (609) 779-2400
TELEFAX: (609) 779-8488
INFORMATION FOR SEQ ID NO: 27:
SEQUENCE CHARACTERISTICS:
LENGTH: 17
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-09-128-494-27

Query Match 0.5%; Score 10.8; DB 1; Length 17;
Best Local Similarity 85.7%; Pred. No. 5.1e-02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 302 TGGAGCTGTTGGTG 315
Db 17 TGGAGCTGTTGGTG 4

RESULT 594
US-09-248-386-27/c
Sequence 27, Application US/09248386
Patent No. 6359124
GENERAL INFORMATION:
APPLICANT: Monia, Brett P
APPLICANT: Freier, Susan M
APPLICANT: Sanghvi, Yogesh S
APPLICANT: Cook, Phillip D
APPLICANT: Ecker, David J
TITLE OF INVENTION: Antisense Inhibition of RAS Gene with Chimeric and

TITLE OF INVENTION: Alternating Oligonucleotides
FILE REFERENCE: ISIS3350
CURRENT APPLICATION NUMBER: US/09/248,386
CURRENT FILING DATE: 1999-01-12
EARLIER APPLICATION NUMBER: 08/848,840
EARLIER FILING DATE: 1997-04-30
EARLIER APPLICATION NUMBER: 07/411,734
EARLIER FILING DATE: 1989-09-25
EARLIER APPLICATION NUMBER: PCT/US93/09346
EARLIER FILING DATE: 1993-10-01
EARLIER APPLICATION NUMBER: 07/715,196
EARLIER FILING DATE: 1991-06-14
EARLIER APPLICATION NUMBER: 07/958,134
EARLIER FILING DATE: 1992-10-05
EARLIER APPLICATION NUMBER: 08/007,996
EARLIER FILING DATE: 1993-01-21
EARLIER APPLICATION NUMBER: 07/703,619
EARLIER FILING DATE: 1991-05-21
EARLIER APPLICATION NUMBER: 08/040,903
EARLIER FILING DATE: 1993-03-31
EARLIER APPLICATION NUMBER: 07/040,526
EARLIER FILING DATE: 1987-04-20
EARLIER APPLICATION NUMBER: 08/174,379
EARLIER FILING DATE: 1993-12-28
EARLIER APPLICATION NUMBER: 08/040,933
EARLIER FILING DATE: 1993-03-31
EARLIER APPLICATION NUMBER: 08/300,072
EARLIER FILING DATE: 1994-09-02
EARLIER APPLICATION NUMBER: 08/039,979
EARLIER FILING DATE: 1993-03-30
EARLIER APPLICATION NUMBER: 08/395,168
EARLIER FILING DATE: 1995-02-27
EARLIER APPLICATION NUMBER: 07/814,961
EARLIER FILING DATE: 1991-12-24
EARLIER APPLICATION NUMBER: 08/244,993
EARLIER FILING DATE: 1994-06-21
EARLIER APPLICATION NUMBER: 08/468,037
EARLIER FILING DATE: 1995-06-06
NUMBER OF SEQ ID NOS: 33
SOFTWARE: Patent In Ver. 2.1
SEQ ID NO 27
LENGTH: 17
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence
US-09-248-386-27

Query Match 0.5%; Score 10.8; DB 1; Length 17;
Best Local Similarity 85.7%; Pred. No. 5.1e-02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 302 TGGAGCTGTTGGTG 315
Db 17 TGGAGCTGTTGGTG 4

RESULT 595
US-09-866-108A-2033
Sequence 2033, Application US/09866108A
Patent No. 8686188
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: Ji, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25

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; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aemica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 2033
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-2033

Query Match          0.5%; Score 10.8; DB 1; Length 17;
Best Local Similarity 85.7%; Pred. No. 5.1e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 495 CTCGAGGGAGTG 508
Db 1 CTCGAGGAAGTG 14

RESULT 596
US-09-106-038A-53
; Sequence 53, Application US/09106038A
; Patent No. 6007995
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker and Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 91
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Isis Pharmaceuticals, Inc.
; STREET: 2292 Faraday Avenue
; CITY: Carlsbad
; STATE: CA
; COUNTRY: U.S.A.
; ZIP: 92008
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: Windows NT
; SOFTWARE: Microsoft Word 97
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/106,038A
; FILING DATE: June 26, 1998
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Laurel Spear Bernstein
; REGISTRATION NUMBER: 37,280
; REFERENCE/DOCKET NUMBER: RTS-0004
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (760) 931-9200
; TELEFAX: (760) 603-3820
; INFORMATION FOR SEQ ID NO: 53:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-09-106-038A-53

Query Match          0.5%; Score 10.8; DB 1; Length 18;
Best Local Similarity 85.7%; Pred. No. 5.9e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 35 TGGAGCCTCAGTCC 48
Db 5 TGGTGCCTGAGTCC 18

RESULT 597
US-09-622-166A-31
; Sequence 31, Application US/09622166A
; Patent No. 6613546
; GENERAL INFORMATION:
; APPLICANT: OHTOMO, TOSHIHIKO
; APPLICANT: TSUCHIWA, MASAYUKI
; APPLICANT: KOISHIHARA, YASUO
; APPLICANT: KOSAKA, MASAOKI
; TITLE OF INVENTION: GENOMIC GENE ENCODING HM 1.24 ANTIGEN PROTEIN AND
; FILE REFERENCE: PROMOTER THEREOF
; FILE REFERENCE: 053466/0285
; CURRENT APPLICATION NUMBER: US/09/622,166A
; CURRENT FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: PCT/JP99/00884
; PRIOR FILING DATE: 1999-02-25
; PRIOR APPLICATION NUMBER: 10-60617
; PRIOR FILING DATE: 1998-02-25
; PRIOR APPLICATION NUMBER: 10-93883
; PRIOR FILING DATE: 1998-03-24
; NUMBER OF SEQ ID NOS: 33
; SOFTWARE: Patent in Ver. 2.1
; SEQ ID NO 31
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
; US-09-622-166A-31

Query Match          0.5%; Score 10.8; DB 1; Length 18;
Best Local Similarity 85.7%; Pred. No. 5.9e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1136 COTCCAGCTCCACC 1149
Db 2 COTCCAGCTCTCTCC 15

RESULT 598
US-09-474-432B-681
; Sequence 681, Application US/09474432B
; Patent No. 6528640
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Burgin, Alex
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka
; APPLICANT: Sweedler, David
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleo
; FILE REFERENCE: MBH00-831-B (247/276)
; CURRENT APPLICATION NUMBER: US/09/474,432B
; CURRENT FILING DATE: 1999-12-19
; PRIOR APPLICATION NUMBER: US 60/064,866
; PRIOR FILING DATE: 1997-11-05
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; PRIOR APPLICATION NUMBER: US 60/084,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: US 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: US 09/301,511
; PRIOR FILING DATE: 1999-04-28
; NUMBER OF SEQ ID NOS: 1526
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 681
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-476-387-680

Query Match 0.5%; Score 10.6; DB 1; Length 17;
Best Local Similarity 58.8%; Pred. No. 5.7e+02;
Matches 10; Conservative 3; Mismatches 4; Indels 0; Gaps 0;

QY 1352 TGCCCCCGTTGGCTGG 1368
:|||||:|||||:|||||:
Db 1 UGCACACGGUGCCCUUG 17

RESULT 599
US-09-476-387-680
; Sequence 680, Application US/09476387
; Patent No. 6617438
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka Matulic
; APPLICANT: Sweedler, Dave
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleo

; FILE REFERENCE: MBH00-831-C (249/073)
; CURRENT APPLICATION NUMBER: US/09/476,387
; CURRENT FILING DATE: 2001-04-04
; PRIOR APPLICATION NUMBER: 09/474,432
; PRIOR FILING DATE: 1999-12-29
; PRIOR APPLICATION NUMBER: 09/301,511
; PRIOR FILING DATE: 1999-04-28
; PRIOR APPLICATION NUMBER: 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: 60/083,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/064,866
; PRIOR FILING DATE: 1997-11-05
; NUMBER OF SEQ ID NOS: 1524
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 680
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-476-387-680

Query Match 0.5%; Score 10.6; DB 1; Length 17;
Best Local Similarity 58.8%; Pred. No. 5.7e+02;
Matches 10; Conservative 3; Mismatches 4; Indels 0; Gaps 0;

QY 1352 TGCCCCCGTTGGCTGG 1368
:|||||:|||||:|||||:
Db 1 UGCACACGGUGCCCUUG 17

RESULT 600
US-09-866-108A-2783
; Sequence 2783, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang

; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: A60MICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: A60MICA Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 2783
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-2783

Query Match 0.5%; Score 10.6; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 5.7e+02;
Matches 13; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1669 CTTTCAACCCCACTTT 1685
|||||:|||||:
Db 1 CTTTCAACCCCACTTT 17

RESULT 601
US-08-782-047-9/c
; Sequence 9, Application US/08782047
; Patent No. 5795726
; GENERAL INFORMATION:
; APPLICANT: Glucksmann, M. Alexandra
; TITLE OF INVENTION: Therapeutic Compositions and Methods and
; NUMBER OF SEQUENCES: 30
; CORRESPONDENCE ADDRESS:
; ADDRESSES: LAHIVE & COCKFIELD
; STREET: 60 State Street, suite 510
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02109-1875
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC Compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/782,047
; FILING DATE: January 10, 1997
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/760,246
FILING DATE: December 4, 1996
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/749,431
FILING DATE: No. 5795726ember 15, 1996
APPLICATION NUMBER: 08/748,229
FILING DATE: No. 5795726ember 12, 1996
ATTORNEY/AGENT INFORMATION:
NAME: Arnold, Beth E.
REGISTRATION NUMBER: 35,430
REFERENCE/DOCKET NUMBER: MIQ-011CP3
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617)227-7400
TELEFAX: (617)227-5941
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-782-047-9

Query Match 0.5%; Score 10.6; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 5.7e+02;
Matches 13; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1692 GAAAGGAGGGTCTGTC 1708
DB 17 GCAAGGACGGGATCTGC 1

RESULT 602

US-08-782-047-27/c
Sequence 27, Application US/08782047
Patent No. 5795726
GENERAL INFORMATION:
APPLICANT: Glucksmann, M. Alexandra
TITLE OF INVENTION: Therapeutic Compositions and Methods and Diagnostic Assa
NUMBER OF SEQUENCES: 30
CORRESPONDENCE ADDRESS:
ADDRESSEE: LAHIVE & COCKFIELD
STREET: 60 State Street, suite 510
CITY: Boston
STATE: Massachusetts
COUNTRY: USA
ZIP: 02109-1975
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/782,047
FILING DATE: January 10, 1997
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/760,246
FILING DATE: December 4, 1996
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/749,431
FILING DATE: No. 5795726ember 15, 1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/748,229
FILING DATE: No. 5795726ember 12, 1996
ATTORNEY/AGENT INFORMATION:
NAME: Arnold, Beth E.
REGISTRATION NUMBER: 35,430
REFERENCE/DOCKET NUMBER: MIQ-011CP3
TELECOMMUNICATION INFORMATION:

TELEPHONE: (617)227-7400
TELEFAX: (617)227-5941
INFORMATION FOR SEQ ID NO: 27:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-782-047-27

Query Match 0.5%; Score 10.6; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 5.7e+02;
Matches 13; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1692 GAAAGGAGGGTCTGTC 1708
DB 17 GCAAGGACGGGATCTGC 1

RESULT 603

US-08-749-431A-24/c
Sequence 24, Application US/08749431A
Patent No. 5800998
GENERAL INFORMATION:
APPLICANT: Glucksmann, M. Alexandra
TITLE OF INVENTION: THERAPEUTIC COMPOSITIONS AND METHODS;
TITLE OF INVENTION: AND DIAGNOSTIC ASSAYS FOR TYPE II DIABETES INVOLVING HNF-1
NUMBER OF SEQUENCES: 27
CORRESPONDENCE ADDRESS:
ADDRESSEE: FOLEY, HOAG & ELIOT LLP
STREET: One Post Office Square
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02109-2170
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/749,431A
FILING DATE: 15-NOV-1996
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Arnold, Beth E.
REGISTRATION NUMBER: 35,430
REFERENCE/DOCKET NUMBER: MIA-011.02
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-832-1000
TELEFAX: 617-832-7000
INFORMATION FOR SEQ ID NO: 24:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "primer"
US-08-749-431A-24

Query Match 0.5%; Score 10.6; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 5.7e+02;
Matches 13; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1692 GAAAGGAGGGTCTGTC 1708
DB 17 GCAAGGACGGGATCTGC 1

RESULT 604
US-08-924-870A-9/c

```
Sequence 9, Application US/08924870A
Patent No. 6143491
GENERAL INFORMATION:
APPLICANT: Gl cksmann, M. Alexandra
TITLE OF INVENTION: THERAPEUTIC COMPOSITIONS AND METHODS AND
TITLE OF INVENTION: DIAGNOSTIC ASSAYS FOR TYPE II DIABETES INVOLVING HNF-1
NUMBER OF SEQUENCES: 28
CORRESPONDENCE ADDRESS:
ADDRESSEE: FOLEY, HOAG & ELIOT LLP
STREET: One Post Office Square
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02109-2170
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/924,870A
FILING DATE: 05-SEP-1997
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/782,047
FILING DATE: 10-JAN-1997
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Arnold, Beth E.
REGISTRATION NUMBER: 35,430
REFERENCE/DOCKET NUMBER: MIA-011.27.2
TELEPHONE: 617-832-1294
TELEFAX: 617-832-7000
INFORMATION FOR SEQ ID NO: 27:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "primer"
US-08-924-870A-27

Query Match 0.5%; Score 10.6; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 5.7e+02;
Matches 13; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1692 GAAAGGAGGGGTCCTGC 1708
DB 17 GCAAGGAGCGGATCTGC 1

RESULT 606
US-09-106-038A-54
Sequence 54, Application US/09106038A
Patent No. 6007995
GENERAL INFORMATION:
APPLICANT: Brenda F. Baker and Lex M. Cowsett
TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 91
CORRESPONDENCE ADDRESS:
ADDRESSEE: Isis Pharmaceuticals, Inc.
STREET: 2292 Paraday Avenue
CITY: Carlsbad
STATE: CA
COUNTRY: U.S.A.
ZIP: 92008
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
COMPUTER: IBM PC compatible
OPERATING SYSTEM: Windows NT
SOFTWARE: Microsoft Word 97
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/106,038A
FILING DATE: June 26, 1998
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Laurel Spear Bernstein
REGISTRATION NUMBER: 37,280
REFERENCE/DOCKET NUMBER: KTS-0004
TELECOMMUNICATION INFORMATION:
TELEPHONE: (760) 931-9200
TELEFAX: (760) 603-3820
INFORMATION FOR SEQ ID NO: 54:
SEQUENCE CHARACTERISTICS:
LENGTH: 18
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
```


US-09-106-038A-54

Query Match 0.5%; Score 10.6; DB 1; Length 18;
Best Local Similarity 76.5%; Pred. No. 6.4e+02;
Matches 13; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 566 AATGCCGAAGGAAATG 582
DB 2 AAAGACCAAGAAATG 18

RESULT 607

US-09-106-038A-58
Sequence 58, Application US/09106038A
Patent No. 6007995
GENERAL INFORMATION:
APPLICANT: Brenda F. Baker and Lex M. Cowsett
TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 91
CORRESPONDENCE ADDRESS:
ADDRESSEE: Isis Pharmaceuticals, Inc.
STREET: 2292 Faraday Avenue
CITY: Carlsbad
STATE: CA
COUNTRY: U.S.A.
ZIP: 92008

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
COMPUTER: IBM PC compatible
OPERATING SYSTEM: Windows NT
SOFTWARE: Microsoft Word 97
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/106,038A
FILING DATE: June 26, 1998
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Laurel Spear Bernstein
REGISTRATION NUMBER: 37,280
REFERENCE/DOCKET NUMBER: RIS-0004
TELECOMMUNICATION INFORMATION:
TELEPHONE: (760) 931-9200
TELEFAX: (760) 603-3820
INFORMATION FOR SEQ ID NO: 58:
SEQUENCE CHARACTERISTICS:
LENGTH: 18
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-106-038A-58

Query Match 0.5%; Score 10.6; DB 1; Length 18;
Best Local Similarity 76.5%; Pred. No. 6.4e+02;
Matches 13; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 66 TTAAGCAGAGAGGAGG 82
DB 1 TTAACCAATGAAGAGG 17

RESULT 608

US-08-031-147A-53/c
Sequence 53, Application US/08031147A
Patent No. 5514577
GENERAL INFORMATION:
APPLICANT: Draper et al.
TITLE OF INVENTION: Oligonucleotide Therapies for
TITLE OF INVENTION: Modulating the Effects of Herpesviruses
NUMBER OF SEQUENCES: 57
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz
ADDRESSEE: Mackiewicz & No. 5514577ris
STREET: One Liberty Place - 46th Floor

CITY: Philadelphia
STATE: PA
COUNTRY: USA
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/031,147A
FILING DATE: March 12, 1993
CLASSIFICATION: 514

PRIOR APPLICATION DATA:
APPLICATION NUMBER: 485,297
FILING DATE: February 26, 1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 852,132
FILING DATE: April 28, 1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 954,185
FILING DATE: September 29, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISIS-0469
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 53:
SEQUENCE CHARACTERISTICS:
LENGTH: 12
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
ANTI-SENSE: yes
US-08-031-147A-53

Query Match 0.5%; Score 10.4; DB 1; Length 12;
Best Local Similarity 91.7%; Pred. No. 2.5e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1058 CCCCAACCCAA 1069
DB 12 CCCCAACCCAA 1

RESULT 609

US-08-242-664-12
Sequence 12, Application US/08242664
Patent No. 5571937
GENERAL INFORMATION:
APPLICANT: Watanabe, Kyoichi A.
APPLICANT: Ren, Wu-Yun
APPLICANT: Weil, Roger
TITLE OF INVENTION: Complementary DNA and Toxins
NUMBER OF SEQUENCES: 43
CORRESPONDENCE ADDRESS:
ADDRESSEE: Cooper & Dunham
STREET: 30 Rockefeller Plaza
CITY: New York
STATE: New York
COUNTRY: U.S.A.
ZIP: 10112
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch 1.44Mb
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.24
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/242,664
FILING DATE: May 12, 1994
CLASSIFICATION: 514

ATTORNEY/AGENT INFORMATION:
NAME: White, John P.
REGISTRATION NUMBER: 28,678
REFERENCE/DOCKET NUMBER: 44683
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-977-9550
TELEFAX: 212-664-0525
INFORMATION FOR SEQ ID NO: 12:
SEQUENCE CHARACTERISTICS:
LENGTH: 12 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-242-664-12

Query Match 0.5%; Score 10.4; DB 1; Length 12;
Best Local Similarity 91.7%; Pred. No. 2.5e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 731 AGGAGAAACAGA 742
|||||
DB 1 AGGAGAAACAGA 12

RESULT 610
US-08-050-319B-46
Sequence 45, Application US/08050319B
Patent No. 5633145
GENERAL INFORMATION:
APPLICANT: M. Feldmann, P.W. Gray,
APPLICANT: M.J.C. Turner, F.M. Brennan
TITLE OF INVENTION: Modified human TNFalpha (Tumor
TITLE OF INVENTION: Necrosis Factor alpha) Receptor
NUMBER OF SEQUENCES: 57
CORRESPONDENCE ADDRESS:
ADDRESSEE: Reed & Robbins
STREET: 635 Bryant Street
CITY: Palo Alto
STATE: California
COUNTRY: USA
ZIP: 94301
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/050/319B
FILING DATE: 10-May-1993
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Robbins, Roberta L.
REGISTRATION NUMBER: 33,208
REFERENCE/DOCKET NUMBER: 5150-0030
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 617-8999
TELEFAX: (415) 327-3231
INFORMATION FOR SEQ ID NO: 46:
SEQUENCE CHARACTERISTICS:
LENGTH: 12 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-050-319B-46

Query Match 0.5%; Score 10.4; DB 1; Length 12;
Best Local Similarity 91.7%; Pred. No. 2.5e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 844 CCCGAGTTGAG 855
|||||

DB 1 CCCGAGTTAG 12

RESULT 611
US-08-233-030-43
Sequence 43, Application US/08233030
Patent No. 5639655
GENERAL INFORMATION:
APPLICANT: James D. Thompson
APPLICANT: Kenneth G. Draper
TITLE OF INVENTION: METHOD AND REAGENT FOR
TITLE OF INVENTION: TREATMENT OF PROMYELOCYTIC
TITLE OF INVENTION: LEUKEMIA
NUMBER OF SEQUENCES: 62
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 611 West Sixth Street
CITY: Los Angeles
STATE: California
COUNTRY: USA
ZIP: 90017

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM MS-DOS (Version 5.0)
SOFTWARE: WordPerfect (Version 5.1)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/233,030
FILING DATE:
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/008,910
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 197/240
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 43:
SEQUENCE CHARACTERISTICS:
LENGTH: 12
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-233-030-43

Query Match 0.5%; Score 10.4; DB 1; Length 12;
Best Local Similarity 66.7%; Pred. No. 2.5e+02;
Matches 8; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 284 TGCTGCGCTGG 295
|||||

DB 1 UGUGGCGGCGG 12

RESULT 612
US-08-484-138-12
Sequence 12, Application US/08484138
Patent No. 5652350
GENERAL INFORMATION:
APPLICANT: Watanabe, Kyoichi A.
APPLICANT: Ren, Wu-Yun
APPLICANT: Weil, Roger
TITLE OF INVENTION: Complementary DNA and Toxins
NUMBER OF SEQUENCES: 43
CORRESPONDENCE ADDRESS:
ADDRESSEE: Cooper & Dunham LLP
STREET: 1185 Avenue of the Americas
CITY: New York
STATE: New York

```

;
; COUNTRY: U.S.A.
; ZIP: 10036
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch 1.44Mb
; COMPUTER: IBM PC
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.24
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/484,138
; FILING DATE: June 7, 1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: White, John P.
; REGISTRATION NUMBER: 28,678
; REFERENCE/DOCKET NUMBER: 44683-2/JPW/MJG
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212-977-9550
; TELEFAX: 212-664-0525
; INFORMATION FOR SEQ ID NO: 12:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 12 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-08-484-138-12
;
; Query Match 0.5%; Score 10.4; DB 1; Length 12;
; Best Local Similarity 91.7%; Pred. No. 2.5e+02;
; Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
;
QY 731 AGGAGAACAGCA 742
DB 1 AGGAGAACAGCA 12
|||||
;
RESULT 613
US-08-173-489C-85/c
; Sequence 85, Application US/08173489C
; Patent No. 5861244
; GENERAL INFORMATION:
; APPLICANT: WANG, C. -G.
; TITLE OF INVENTION: GENETIC SEQUENCE ASSAY USING DNA
; TITLE OF INVENTION: TRIPLE-STRAND FORMATION.
; NUMBER OF SEQUENCES: 365
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: PROFILE DIAGNOSTIC SCIENCES, INC.,
; STREET: 510 EAST 73RD STREET,
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10021.
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch, 1.44Mb storage
; COMPUTER: IBM PC/XT/AT
; OPERATING SYSTEM: MS-DOS version 6.2
; SOFTWARE: Wordperfect Version 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/173,489C
; FILING DATE: 22 DEC 1993
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/968,436
; FILING DATE: 29 OCT 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Handelman, Joseph H.
; REGISTRATION NUMBER: 26,179
; REFERENCE/DOCKET NUMBER: U9518-6
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (attorney) (212) 708-1880
; TELEFAX: (attorney) (212) 246-8959
; INFORMATION FOR SEQ ID NO: 85:
;
; SEQUENCE CHARACTERISTICS:
; LENGTH: 12 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: double stranded
; TOPOLOGY: linear
; MOLECULE TYPE: Genomic DNA
; DESCRIPTION: retinoblastoma gene (Accession #
; DESCRIPTION: M33647, J02994) nucleotides 2236 to 2247
; HYPOTHETICAL: No
; ANTI-SENSE: No
; ORIGINAL SOURCE:
; ORGANISM: Homo sapiens
; POSITION IN GENOME:
; CHROMOSOME/SEGMENT: chromosome 13
; MAP POSITION: 13q14.2
; PUBLICATION INFORMATION:
; AUTHORS: Friend, S H, Horowitz, J M, Gerber, M R,
; AUTHORS: Wang X F, Bogenmann, E, Li, F P, Weinberg,
; AUTHORS: R A.
; TITLE: Deletions of a DNA sequence
; TITLE: in retinoblastomas and mesenchymal tumors:
; TITLE: Organization of the sequence and its encoded
; TITLE: protein
; JOURNAL: Proceedings of the National Academy of
; JOURNAL: Sciences, USA
; VOLUME: 84
; PAGES: 9059-9063
; DATE: 1987
; RELEVANT RESIDUES IN SEQ ID NO: 85 :FROM 1 TO 12
; US-08-173-489C-85
;
; Query Match 0.5%; Score 10.4; DB 1; Length 12;
; Best Local Similarity 91.7%; Pred. No. 2.5e+02;
; Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
;
QY 934 CTCCTCTTCATT 945
DB 12 CTCCTCTTCATT 1
|||||
;
RESULT 614
US-08-173-489C-189
; Sequence 189, Application US/08173489C
; Patent No. 5861244
; GENERAL INFORMATION:
; APPLICANT: WANG, C. -G.
; APPLICANT: HEPBURN, A. G.
; TITLE OF INVENTION: GENETIC SEQUENCE ASSAY USING DNA
; TITLE OF INVENTION: TRIPLE-STRAND FORMATION.
; NUMBER OF SEQUENCES: 365
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: PROFILE DIAGNOSTIC SCIENCES, INC.,
; STREET: 510 EAST 73RD STREET,
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10021.
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch, 1.44Mb storage
; COMPUTER: IBM PC/XT/AT
; OPERATING SYSTEM: MS-DOS version 6.2
; SOFTWARE: Wordperfect Version 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/173,489C
; FILING DATE: 22 DEC 1993
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/968,436
; FILING DATE: 29 OCT 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Handelman, Joseph H.
; REGISTRATION NUMBER: 26,179
; REFERENCE/DOCKET NUMBER: U9518-6
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (attorney) (212) 708-1880
; TELEFAX: (attorney) (212) 246-8959
; INFORMATION FOR SEQ ID NO: 85:
;
; SEQUENCE CHARACTERISTICS:
; LENGTH: 12 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: double stranded
; TOPOLOGY: linear
; MOLECULE TYPE: Genomic DNA
; DESCRIPTION: retinoblastoma gene (Accession #
; DESCRIPTION: M33647, J02994) nucleotides 2236 to 2247
; HYPOTHETICAL: No
; ANTI-SENSE: No
; ORIGINAL SOURCE:
; ORGANISM: Homo sapiens
; POSITION IN GENOME:
; CHROMOSOME/SEGMENT: chromosome 13
; MAP POSITION: 13q14.2
; PUBLICATION INFORMATION:
; AUTHORS: Friend, S H, Horowitz, J M, Gerber, M R,
; AUTHORS: Wang X F, Bogenmann, E, Li, F P, Weinberg,
; AUTHORS: R A.
; TITLE: Deletions of a DNA sequence
; TITLE: in retinoblastomas and mesenchymal tumors:
; TITLE: Organization of the sequence and its encoded
; TITLE: protein
; JOURNAL: Proceedings of the National Academy of
; JOURNAL: Sciences, USA
; VOLUME: 84
; PAGES: 9059-9063
; DATE: 1987
; RELEVANT RESIDUES IN SEQ ID NO: 85 :FROM 1 TO 12
; US-08-173-489C-85
;
; Query Match 0.5%; Score 10.4; DB 1; Length 12;
; Best Local Similarity 91.7%; Pred. No. 2.5e+02;
; Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
;
QY 934 CTCCTCTTCATT 945
DB 12 CTCCTCTTCATT 1
|||||
;

```

TELECOMMUNICATION INFORMATION:
 TELEPHONE: (attorney) (212) 708-1880
 TELEFAX: (attorney) (212) 246-8959
 INFORMATION FOR SEQ ID NO: 189:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 12 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: double stranded
 TOPOLOGY: linear
 MOLECULE TYPE: genomic DNA
 DESCRIPTION: hepatitis B virus adw2 isolate,
 DESCRIPTION: nucleotides 2258 to 2269
 HYPOTHETICAL: no
 ANTI-SENSE: no
 ORIGINAL SOURCE:
 ORGANISM: Hepatitis B virus
 INDIVIDUAL ISOLATE: adw2
 PUBLICATION INFORMATION:
 AUTHORS: Valenzuela, P., Quiroga, M., Zaldivar, J.,
 AUTHORS: Gray, P., Ruter, W J.
 TITLE: The nucleotide sequence of
 TITLE: the Hepatitis B viral genome and the
 TITLE: identification of the major viral genes
 JOURNAL: In "Animal Virus Genetics", Fields, B N,
 JOURNAL: Jaenisch, R., Fox C F eds
 VOLUME: 57-70
 PAGES: 57-70
 DATE: 1980
 RELEVANT RESIDUES IN SEQ ID NO: 189 :FROM 1 TO 12
 US-08-173-489C-189

Query Match 0.5%; Score 10.4; DB 1; Length 12;
 Best Local Similarity 91.7%; Pred. No. 2.5e+02;
 Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1016 AAAAAGAGGGG 1027
 DB 1 AAAAAGATGGG 12

RESULT 615
 US-08-465-982-46
 Sequence 46, Application US/08465982
 Patent No. 5863786
 GENERAL INFORMATION:
 APPLICANT: M. Feldmann, P. W. Gray.
 APPLICANT: M.J.C. Turner, F.M. Brennan
 TITLE OF INVENTION: Modified human TNFalpha (Tumor
 NUMBER OF SEQUENCES: 57
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Reed & Robbins
 STREET: 635 Bryant Street
 CITY: Palo Alto
 STATE: California
 COUNTRY: USA
 ZIP: 94301
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patentin Release #1.0, version #1.25
 CURRENT APPLICATION NUMBER: US/08/465,982
 FILING DATE:
 CLASSIFICATION:
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US/08/050,319
 FILING DATE: 10-May-1993
 ATTORNEY/AGENT INFORMATION:
 NAME: Robbins, Roberta L.
 REGISTRATION NUMBER: 33,208
 REFERENCE/DOCKET NUMBER: 5150-0030

TELECOMMUNICATION INFORMATION:
 TELEPHONE: (415) 617-8999
 TELEFAX: (415) 327-3231
 INFORMATION FOR SEQ ID NO: 46:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 12 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: double
 TOPOLOGY: linear
 MOLECULE TYPE: DNA (genomic)
 US-08-465-982-46

Query Match 0.5%; Score 10.4; DB 1; Length 12;
 Best Local Similarity 91.7%; Pred. No. 2.5e+02;
 Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 844 CCCGAGTTGAG 855
 DB 1 CCCGAGTTAG 12

RESULT 616
 US-08-403-888A-41/c
 Sequence 41, Application US/08403888A
 Patent No. 5952490
 GENERAL INFORMATION:
 APPLICANT: Hanecak et al.
 TITLE OF INVENTION: Oligonucleotides Having A Conserved G4 Core
 TITLE OF INVENTION: Sequence
 NUMBER OF SEQUENCES: 146
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5952490rls LLP
 STREET: One Liberty Place - 46th Floor
 CITY: Philadelphia
 STATE: PA
 COUNTRY: U.S.A.
 ZIP: 19103
 COMPUTER READABLE FORM:
 MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: WordPerfect 6.1
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/403,888A
 FILING DATE: 12-JUN-1995
 CLASSIFICATION: 435
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 07/954,185
 FILING DATE: 29-SEP-1992
 ATTORNEY/AGENT INFORMATION:
 NAME: Paul K. Legard
 REGISTRATION NUMBER: 38,534
 REFERENCE/DOCKET NUMBER: ISIS-1229
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 215-568-3100
 TELEFAX: 215-568-3439
 INFORMATION FOR SEQ ID NO: 41:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 12
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 US-08-403-888A-41

Query Match 0.5%; Score 10.4; DB 1; Length 12;
 Best Local Similarity 91.7%; Pred. No. 2.5e+02;
 Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1058 CCCCAACCCAA 1069
 DB 12 CCCCAACCCAA 1

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RESULT 617
US-08-403-888A-57/c
; Sequence 57, Application US/08403888A
; Patent No. 5952490
; GENERAL INFORMATION:
; APPLICANT: Hanecak et al.
; TITLE OF INVENTION: Oligonucleotides Having A Conserved G4 Core
; TITLE OF INVENTION: Sequence
; NUMBER OF SEQUENCES: 146
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5952490ris LLP
; CITY: Philadelphia
; STATE: PA
; COUNTRY: U.S.A.
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WordPerfect 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: 07/954,185
; FILING DATE: 29-SEP-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Paul K. Legaard
; REGISTRATION NUMBER: 38,534
; REFERENCE/DOCKET NUMBER: ISIS-1229
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-568-3100
; TELEFAX: 215-568-3439
; INFORMATION FOR SEQ ID NO: 57:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 12
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-403-888A-57
;
; Query Match 0.5%; Score 10.4; DB 1; Length 12;
; Best Local Similarity 91.7%; Pred. No. 2.5e+02;
; Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
;
QY 1058 CCCCAACCCCAA 1069
DB 12 CCCCAACCCCAA 1

RESULT 619
US-08-053-451B-157/c
; Sequence 157, Application US/08053451B
; Patent No. 5955584
; GENERAL INFORMATION:
; APPLICANT: Chen, Francis W.
; APPLICANT: Ditlow, Charles C.
; APPLICANT: Calenoff, Emanuel
; TITLE OF INVENTION: ATHEROSCLEROTIC PLAQUE SPECIFIC
; TITLE OF INVENTION: ANTIGENS, ANTIBODIES THERETO, AND USES THEREOF
; NUMBER OF SEQUENCES: 176
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pennie & Edmonds
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: USA
; ZIP: 10036
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/053,451B
; FILING DATE: 26-APR-1993
; CLASSIFICATION: 424
; ATTORNEY/AGENT INFORMATION:
; NAME: Halluin, Albert P.
; REGISTRATION NUMBER: 25,227
; REFERENCE/DOCKET NUMBER: 7606-033-999
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-854-3660
; TELEFAX: 415-854-3694
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 157:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 12 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: DNA
;
; Query Match 0.5%; Score 10.4; DB 1; Length 12;
; Best Local Similarity 91.7%; Pred. No. 2.5e+02;
; Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
;
QY 1058 CCCCAACCCCAA 1069
DB 12 CCCCAACCCCAA 1

RESULT 618
US-08-403-888A-113/c
; Sequence 113, Application US/08403888A
; Patent No. 5952490
; GENERAL INFORMATION:
; APPLICANT: Hanecak et al.
; TITLE OF INVENTION: Oligonucleotides Having A Conserved G4 Core
; TITLE OF INVENTION: Sequence
; NUMBER OF SEQUENCES: 146
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5952490ris LLP
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: U.S.A.
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WordPerfect 6.1
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US-08-053-451B-157

Query Match 0.5%; Score 10.4; DB 1; Length 12;
 Best Local Similarity 91.7%; Pred. No. 2.5e+02;
 Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1025 GCGAGCTTGAG 1036
 Db 12 GGAAGCTTGAG 1

RESULT 620

US-08-819-867-5/c
 ; Sequence 5, Application US/08819867
 ; Patent No. 6007989

GENERAL INFORMATION:

APPLICANT: Michael D. West
 APPLICANT: Calvin B. Harley
 APPLICANT: Scott L. Weinrich
 APPLICANT: Catherine M. Strahl
 APPLICANT: Michael J. Meeachern
 APPLICANT: Jerry Shay
 APPLICANT: Woodring E. Wright
 APPLICANT: Elizabeth H. Blackburn
 APPLICANT: Nam Woo Kim

APPLICANT: Homayoun Vaziri
 TITLE OF INVENTION: THERAPY AND DIAGNOSIS OF
 TITLE OF INVENTION: CONDITIONS RELATED TO
 TITLE OF INVENTION: TELOMERE LENGTH AND/OR
 TITLE OF INVENTION: TELOMERASE ACTIVITY
 NUMBER OF SEQUENCES: 80
 CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon
 STREET: 633 West Fifth Street
 STREET: Suite 4700
 CITY: Los Angeles
 STATE: California
 COUNTRY: U.S.A.
 ZIP: 90071-2066

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

MEDIUM TYPE: storage

COMPUTER: IBM Compatible

OPERATING SYSTEM: IBM P.C. DOS 5.0

SOFTWARE: FastSEQ for Windows 2.0

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/819,867

FILING DATE: March 14, 1997

CLASSIFICATION: 435

PRIOR APPLICATION NUMBER: 08/153,051

FILING DATE: No. 6007989 September 12, 1993

APPLICATION NUMBER:

FILING DATE:

ATTORNEY/AGENT INFORMATION:

NAME: Chambers, Daniel M.

REGISTRATION NUMBER: 34,561

REFERENCE/DOCKET NUMBER: 224/232

TELEPHONE: (213) 489-1600

TELEFAX: (213) 955-0440

TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 5:

SEQUENCE CHARACTERISTICS:

LENGTH: 12 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-08-819-867-5

Query Match 0.5%; Score 10.4; DB 1; Length 12;
 Best Local Similarity 91.7%; Pred. No. 2.5e+02;
 Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1058 CCCCAACCCAA 1069
 Db 12 CCCCAACCCAA 1

RESULT 621

US-08-819-867-33/c
 ; Sequence 33, Application US/08819867
 ; Patent No. 6007989

GENERAL INFORMATION:

APPLICANT: Michael D. West
 APPLICANT: Calvin B. Harley
 APPLICANT: Scott L. Weinrich
 APPLICANT: Catherine M. Strahl
 APPLICANT: Michael J. Meeachern
 APPLICANT: Jerry Shay
 APPLICANT: Woodring E. Wright
 APPLICANT: Elizabeth H. Blackburn
 APPLICANT: Nam Woo Kim

APPLICANT: Homayoun Vaziri
 TITLE OF INVENTION: THERAPY AND DIAGNOSIS OF
 TITLE OF INVENTION: CONDITIONS RELATED TO
 TITLE OF INVENTION: TELOMERE LENGTH AND/OR
 TITLE OF INVENTION: TELOMERASE ACTIVITY
 NUMBER OF SEQUENCES: 80
 CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon
 STREET: 633 West Fifth Street
 STREET: Suite 4700
 CITY: Los Angeles
 STATE: California
 COUNTRY: U.S.A.
 ZIP: 90071-2066

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

MEDIUM TYPE: storage

COMPUTER: IBM Compatible

OPERATING SYSTEM: IBM P.C. DOS 5.0

SOFTWARE: FastSEQ for Windows 2.0

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/819,867

FILING DATE: March 14, 1997

CLASSIFICATION: 435

PRIOR APPLICATION NUMBER: 08/153,051

FILING DATE: No. 6007989 September 12, 1993

APPLICATION NUMBER:

FILING DATE:

ATTORNEY/AGENT INFORMATION:

NAME: Chambers, Daniel M.

REGISTRATION NUMBER: 34,561

REFERENCE/DOCKET NUMBER: 224/232

TELEPHONE: (213) 489-1600

TELEFAX: (213) 955-0440

TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 33:

SEQUENCE CHARACTERISTICS:

LENGTH: 12 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-08-819-867-33

Query Match 0.5%; Score 10.4; DB 1; Length 12;
 Best Local Similarity 91.7%; Pred. No. 2.5e+02;
 Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1058 CCCCAACCCAA 1069
 Db 12 CCCCAACCCAA 1

```

; GENERAL INFORMATION:
; APPLICANT: Itoue Takakazu
; TITLE OF INVENTION: Method of Amplifying DNA Fragment, Apparatus for Amplifying DNA
; TITLE OF INVENTION: agment, Method of Assaying Microorganisms, Method of Analyzing
; TITLE OF INVENTION: nisms and Method of Assaying Contaminant
; FILE REFERENCE: 9982-7
; CURRENT APPLICATION NUMBER: US/09/281,418
; EARLIER FILING DATE: 1999-03-30
; EARLIER APPLICATION NUMBER: JP/1998/87651
; EARLIER FILING DATE: 1998-03-31
; EARLIER APPLICATION NUMBER: JP/1999/69694
; EARLIER FILING DATE: 1999-03-16
; NUMBER OF SEQ ID NOS: 216
; SEQ ID NO 107
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
; US-09-281-418-107

Query Match      0.5%; Score 10.4; DB 1; Length 12;
Best Local Similarity 91.7%; Pred. No. 2.5e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      823 GAGTGCACGAAG 834
      |||||
Db      1 GAGTACACGAAG 12

RESULT 624
US-08-831-399-13
; Sequence 13, Application US/08831399
; Patent No. 6312916
; GENERAL INFORMATION:
; APPLICANT: Kopetzki, Erhard; Muller, Rainer;
; APPLICANT: Eng, Richard; Schmitt, Urban; Deger, Arno; Brandstetter, Hans
; TITLE OF INVENTION: Recombinant Inactive Core
; TITLE OF INVENTION: Streptavidin Mutants
; NUMBER OF SEQUENCES: 16
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Felfe & Lynch
; STREET: 805 Third Avenue
; CITY: New York City
; STATE: New York
; COUNTRY: USA
; ZIP: 10022
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.5 inch, 360 kb storage
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: Wordperfect
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/831,399
; FILING DATE: 1-April-1997
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: DE 196 13 053.0
; FILING DATE: 1-April-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: DE 196 37 718.8
; FILING DATE: 16-September-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Hanson, No. 6312916man D.
; REGISTRATION NUMBER: 30,946
; REFERENCE/DOCKET NUMBER: HUBER 1105
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 688-9200
; TELEFAX: (212) 838-3884
; INFORMATION FOR SEQ ID NO: 13:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 12 base pairs
; TYPE: nucleic acid
;

; GENERAL INFORMATION:
; APPLICANT: Michael D. West
; APPLICANT: Calvin B. Harley
; APPLICANT: Scott L. Weinrich
; APPLICANT: Catherine M. Strahl
; APPLICANT: Michael J. Mceachern
; APPLICANT: Jerry Shay
; APPLICANT: Woodring E. Wright
; APPLICANT: Elizabeth H. Blackburn
; APPLICANT: Nam Woo Kim
; APPLICANT: Homayoun Vasiri
; TITLE OF INVENTION: THERAPY AND DIAGNOSIS OF
; TITLE OF INVENTION: CONDITIONS RELATED TO
; TITLE OF INVENTION: TELOMERE LENGTH AND/OR
; TITLE OF INVENTION: TELOMERE LENGTH ACTIVITY
; NUMBER OF SEQUENCES: 80
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/819,867
; FILING DATE: March 14, 1997
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/153,051
; FILING DATE: No. 6007989ember 12, 1993
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Chambers, Daniel M.
; REGISTRATION NUMBER: 34,561
; REFERENCE/DOCKET NUMBER: 224/232
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 35:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 12 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-819-867-35

Query Match      0.5%; Score 10.4; DB 1; Length 12;
Best Local Similarity 91.7%; Pred. No. 2.5e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1058 CCCCAACCCAA 1069
      |||||
Db      12 CCCCAACCCAA 1

RESULT 623
US-09-281-418-107
; Sequence 107, Application US/09281418
; Patent No. 6287769
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; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-831-399-13

Query Match      0.5%; Score 10.4; DB 1; Length 12;
Best Local Similarity 91.7%; Pred. NO. 2.5e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1000 GCGAAATCGACA 1011
DB      1 GCGAAATCGACA 12

RESULT 625
US-09-366-862-13
; Sequence 13, Application US/09366862
; Patent No. 6391571
; GENERAL INFORMATION:
; APPLICANT: Kopetzki, Erhard; Muller, Rainer;
; APPLICANT: Engh, Richard; Schmitt, Urban; Deger, Arno; Brandstetter, Hans
; TITLE OF INVENTION: Recombinant Inactive Core Streptavidin Mutants
; NUMBER OF SEQUENCES: 16
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Felfe & Lynch
; STREET: 805 Third Avenue
; CITY: New York City
; STATE: New York
; COUNTRY: USA
; ZIP: 10022
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.5 inch, 360 kb storage
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: Wordperfect
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/368,772
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/831,399
; FILING DATE: 1-April-1997
; APPLICATION NUMBER: DE 196 13 053.0
; FILING DATE: 1-April-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: DE 196 37 718.8
; FILING DATE: 16-September-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Hanson, No. 6417331man D.
; REGISTRATION NUMBER: 30,946
; REFERENCE/DOCKET NUMBER: HUBR 1105
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 688-9200
; TELEFAX: (212) 838-3884
; INFORMATION FOR SEQ ID NO: 13:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 12 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-368-772-13

Query Match      0.5%; Score 10.4; DB 1; Length 12;
Best Local Similarity 91.7%; Pred. NO. 2.5e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1000 GCGAAATCGACA 1011
DB      1 GCGAAATCGACA 12

RESULT 627
US-09-475-947A-286/c
; Sequence 286, Application US/09475947A
; Patent No. 6472154
; GENERAL INFORMATION:
; APPLICANT: Garner, Harold R.
; APPLICANT: Wren, Jonathan D.
; APPLICANT: Minna, John D.
; TITLE OF INVENTION: Polymorphic Repeats in Human Genes
; FILE REFERENCE: UTSP0667
; CURRENT APPLICATION NUMBER: US/09/475,947A
; CURRENT FILING DATE: 1999-12-31
; NUMBER OF SEQ ID NOS: 346
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 286
; LENGTH: 12
; TYPE: DNA
; ORGANISM: human
US-09-475-947A-286

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; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-831-399-13

Query Match      0.5%; Score 10.4; DB 1; Length 12;
Best Local Similarity 91.7%; Pred. NO. 2.5e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1000 GCGAAATCGACA 1011
DB      1 GCGAAATCGACA 12

RESULT 625
US-09-366-862-13
; Sequence 13, Application US/09366862
; Patent No. 6391571
; GENERAL INFORMATION:
; APPLICANT: Kopetzki, Erhard; Muller, Rainer;
; APPLICANT: Engh, Richard; Schmitt, Urban; Deger, Arno; Brandstetter, Hans
; TITLE OF INVENTION: Recombinant Inactive Core Streptavidin Mutants
; NUMBER OF SEQUENCES: 16
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Felfe & Lynch
; STREET: 805 Third Avenue
; CITY: New York City
; STATE: New York
; COUNTRY: USA
; ZIP: 10022
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.5 inch, 360 kb storage
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: Wordperfect
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/366,862
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/831,399
; FILING DATE: 1-April-1997
; APPLICATION NUMBER: DE 196 13 053.0
; FILING DATE: 1-April-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: DE 196 37 718.8
; FILING DATE: 16-September-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Hanson, No. 6391571man D.
; REGISTRATION NUMBER: 30,946
; REFERENCE/DOCKET NUMBER: HUBR 1105
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 688-9200
; TELEFAX: (212) 838-3884
; INFORMATION FOR SEQ ID NO: 13:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 12 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-366-862-13

Query Match      0.5%; Score 10.4; DB 1; Length 12;
Best Local Similarity 91.7%; Pred. NO. 2.5e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1000 GCGAAATCGACA 1011
DB      1 GCGAAATCGACA 12

RESULT 626
US-09-368-772-13
; Sequence 13, Application US/09368772

```


Query Match 0.5%; Score 10.4; DB 1; Length 12;
Best Local Similarity 91.7%; Pred. No. 2.5e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 931 TCCCTCCTCTTC 942
Db 12 TTCTCTCTCTTC 1

RESULT 628
US-09-378-535-5/c
; Sequence 5, Application US/09378535
; Patent No. 6551774
; GENERAL INFORMATION:
; APPLICANT: Michael D. West
; Calvin B. Harley
; Scott L. Weinrich
; Catherine M. Strahl
; Michael J. McEachern
; Jerry Shay
; Woodring E. Wright
; Elizabeth H. Blackburn
; Nam Woo Kim
; Homayoun Vaziri
; TITLE OF INVENTION: THERAPY AND DIAGNOSIS OF
; CONDITIONS RELATED TO
; TELOMERE LENGTH AND/OR
; TELOMERASE ACTIVITY
; NUMBER OF SEQUENCES: 80
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/378,535
; FILING DATE: 20-Aug-1999
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/819,867
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Chambers, Daniel M.
; REGISTRATION NUMBER: 34,561
; REFERENCE/DOCKET NUMBER: 224/232
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 12 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 5:
US-09-378-535-5

Query Match 0.5%; Score 10.4; DB 1; Length 12;
Best Local Similarity 91.7%; Pred. No. 2.5e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1058 CCCCCAACCCAA 1069
Db 12 CCCCCAACCCAA 1

Db 12 CCCCCAACCCAA 1

RESULT 629
US-09-378-535-33/c
; Sequence 33, Application US/09378535
; Patent No. 6551774
; GENERAL INFORMATION:
; APPLICANT: Michael D. West
; Calvin B. Harley
; Scott L. Weinrich
; Catherine M. Strahl
; Michael J. McEachern
; Jerry Shay
; Woodring E. Wright
; Elizabeth H. Blackburn
; Nam Woo Kim
; Homayoun Vaziri
; TITLE OF INVENTION: THERAPY AND DIAGNOSIS OF
; CONDITIONS RELATED TO
; TELOMERE LENGTH AND/OR
; TELOMERASE ACTIVITY
; NUMBER OF SEQUENCES: 80
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/378,535
; FILING DATE: 20-Aug-1999
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/819,867
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Chambers, Daniel M.
; REGISTRATION NUMBER: 34,561
; REFERENCE/DOCKET NUMBER: 224/232
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 33:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 12 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 33:
US-09-378-535-33

Query Match 0.5%; Score 10.4; DB 1; Length 12;
Best Local Similarity 91.7%; Pred. No. 2.5e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1058 CCCCCAACCCAA 1069
Db 12 CCCCCAACCCAA 1

RESULT 630
US-09-378-535-35/c

Sequence 35, Application US/09378535
Patent No. 6551774
GENERAL INFORMATION:
APPLICANT: Michael D. West
Calvin B. Harley
Scott L. Weinrich
Catherine M. Strahl
Michael J. Meeachern
Jerry Shay
Woodring E. Wright
Elizabeth H. Blackburn
Nam Woo Kim
Homayoun Vaziri
TITLE OF INVENTION: THERAPY AND DIAGNOSIS OF
CONDITIONS RELATED TO
TELOMERE LENGTH AND/OR
TELOMERASE ACTIVITY
NUMBER OF SEQUENCES: 80
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
Suite 4700
City: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq for Windows 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/378,535
FILING DATE: 20-Aug-1999
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/819,867
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Chambers, Daniel M.
REGISTRATION NUMBER: 34,561
REFERENCE/DOCKET NUMBER: 224/232
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 35:
SEQUENCE CHARACTERISTICS:
LENGTH: 12 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 35:
US-09-378-535-35
Query Match 0.5%; Score 10.4; DB 1; Length 12;
Best Local Similarity 91.7%; Pred. No. 2.5e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 1058 CCCCAACCCAA 1069
Db 12 CCCCAACCCAA 1
RESULT 631
PCT-US94-02471-53/c
Sequence 53, Application PC/TUS9402471
GENERAL INFORMATION:
APPLICANT: Draper et al.
TITLE OF INVENTION: Oligonucleotide Therapies for
TITLE OF INVENTION: Modulating the Effects of Herpesviruses
NUMBER OF SEQUENCES: 57

CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz
ADDRESSEE: Mackiewicz & Norris
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STATE: PA
COUNTRY: USA
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US94/02471
FILING DATE: Herewith
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 485,297
FILING DATE: February 26, 1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 852,132
FILING DATE: April 28, 1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 954,185
FILING DATE: September 29, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISIS-0469
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 53:
SEQUENCE CHARACTERISTICS:
LENGTH: 12
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
ANTI-SENSE: Yes
PCT-US94-02471-53
Query Match 0.5%; Score 10.4; DB 1; Length 12;
Best Local Similarity 91.7%; Pred. No. 2.5e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 1058 CCCCAACCCAA 1069
Db 12 CCCCAACCCAA 1
RESULT 632
PCT-US95-06379-12
Sequence 12, Application PC/TUS9506379
GENERAL INFORMATION:
APPLICANT: Watanabe, Kyoichi A.
APPLICANT: Ren, Wu-Yun
APPLICANT: Weil, Roger
TITLE OF INVENTION: Complementary DNA and Toxins
NUMBER OF SEQUENCES: 43
CORRESPONDENCE ADDRESS:
ADDRESSEE: Cooper & Durham LLP
STREET: 1185 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: U.S.A.
ZIP: 10036
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch 1.44Mb
COMPUTER: IBM PC
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.24
CURRENT APPLICATION DATA:

```

; APPLICATION NUMBER: PCT/US95/06379
; FILING DATE: May 13, 1994
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: White, John P.
; REGISTRATION NUMBER: 28,678
; REFERENCE/DOCKET NUMBER: 44683-PCT
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212-278-0400
; TELEFAX: 212-391-0526
; INFORMATION FOR SEQ ID NO: 12:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 12 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
PCT-US95-06379-12

Query Match 0.5%; Score 10.4; DB 1; Length 12;
Best Local Similarity 91.7%; Pred. No. 2.5e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 731 AGGAGAAACAGA 742
| | | | | | | |
Db 1 AGGAGAAAGAGA 12

RESULT 633
US-07-954-830-7/c
; Sequence 7, Application US/07954830
; Patent No. 5356777
; GENERAL INFORMATION:
; APPLICANT: Hoffman, Eric P.
; APPLICANT: Spier, Sharon J.
; APPLICANT: Rudolf, Jeffrey A.
; APPLICANT: Byrns, Glen
; APPLICANT: Bernoco, Domenico
; TITLE OF INVENTION: Methods Of Detecting Periodic
; TITLE OF INVENTION: Paralysis In Horses
; NUMBER OF SEQUENCES: 8
; CORRESPONDENCE ADDRESS:
; ADDRESS: University of Pittsburgh
; STREET: Office of Intellectual Property
; CITY: 911 William Pitt Union
; STATE: Pennsylvania
; COUNTRY: USA
; ZIP: 15260
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 5-1/4" low density diskette
; COMPUTER: IBM PC or compatibles
; OPERATING SYSTEM: MS-DOS
; SOFTWARE: ASCII
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/954,830
; FILING DATE: 19921001
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Frederick H. Colen; Mary-Elizabeth Buckles
; REGISTRATION NUMBER: 28,061; 31,907
; REFERENCE/DOCKET NUMBER: 92-232
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 412/288-4164
; TELEFAX: 412/288-3063
; TELEX: 277871
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 13 nucleotides
; TYPE: NUCLEIC ACID

; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: Genomic DNA
; HYPOTHETICAL: yes
; ANTI-SENSE: no
; ORIGINAL SOURCE: muscle mRNA
; ORGANISM: horse
; STRAIN: Quarter Horse
; TISSUE TYPE: adult skeletal muscle
; CELL TYPE: myofiber
; FEATURE:
; NAME/KEY: sequence of horse sodium channel gene
; NAME/KEY: containing mutation causing hyperkalemic periodic
; LOCATION: domain IV, region S3
; IDENTIFICATION METHOD: cross-species RT-PCR using
; IDENTIFICATION METHOD: previously described rat and human sequences
; OTHER INFORMATION: complete horse sequence not
; OTHER INFORMATION: known; corresponds to nucleotides of human sequence
; PUBLICATION INFORMATION:
; AUTHORS: RUDOLPH, J.A.
; AUTHORS: SPIER, S.J.
; AUTHORS: BYRNS, G.
; AUTHORS: ROJAS, C.V.
; AUTHORS: BERNOCO, D.
; AUTHORS: HOFFMAN, E.P.
; TITLE: Periodic Paralysis In Quarter Horses: A
; TITLE: Sodium Channel Mutation Disseminated By Selective
; TITLE: Breeding
; JOURNAL: Nature Genetics
; VOLUME: 2
; PAGES: 144-147
; DATE: 1992
; RELEVANT RESIDUES IN SEQ ID NO: 7: From 1 to 13
US-07-954-830-7

Query Match 0.5%; Score 10.4; DB 1; Length 13;
Best Local Similarity 91.7%; Pred. No. 3.1e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 972 GAAGTCCAAGCT 983
| | | | | | | |
Db 13 GAAGTCCAAGAT 2

RESULT 634
US-08-233-030-7
; Sequence 7, Application US/08233030
; Patent No. 5639655
; GENERAL INFORMATION:
; APPLICANT: James D. Thompson
; APPLICANT: Kenneth G. Draper
; TITLE OF INVENTION: METHOD AND REAGENT FOR
; TITLE OF INVENTION: TREATMENT OF PROMYELOCYTIC
; TITLE OF INVENTION: LEUKEMIA
; NUMBER OF SEQUENCES: 62
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 611 West Sixth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: USA
; ZIP: 90017
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM MS-DOS (Version 5.0)
; SOFTWARE: WordPerfect (Version 5.1)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/233,030
; FILING DATE:
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
```

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; APPLICATION NUMBER: US/08/008,910
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 197/240
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 13
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-233-030-7

Query Match 0.5%; Score 10.4; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 3.1e+02;
Matches 10; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

Qy 1052 CCTGGCCGCCAA 1063
Db 1 CCCGCGCCCUA 12

RESULT 635
US-09-588-950A-1/c
; Sequence 1, Application US/09588950A
; Patent No. 6399305
; GENERAL INFORMATION:
; APPLICANT: Makino, Yoshihiko
; APPLICANT: Abe, Yoshihiko
; APPLICANT: Ogawa, Masashi
; APPLICANT: Takagi, Makoto
; APPLICANT: Takenaka, Shigeori
; APPLICANT: Yamashita, Kenichi
; TITLE OF INVENTION: Protection of Partial Complementary Nucleic Acid Fragment Using a
; FILE REFERENCE: JG-YI-4980/500569,20039
; CURRENT APPLICATION NUMBER: US/09/588,950A
; CURRENT FILING DATE: 2000-06-07
; PRIOR APPLICATION NUMBER: Japan 11-159339
; PRIOR FILING DATE: 1999-06-07
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 1
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthesized
US-09-588-950A-1

Query Match 0.5%; Score 10.4; DB 1; Length 13;
Best Local Similarity 91.7%; Pred. No. 3.1e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1071 CTTGAGTCCGAC 1082
Db 12 CTTGAGTCCGAC 1

RESULT 636
US-09-350-821A-11
; Sequence 11, Application US/09350821A
; Patent No. 6410023
; GENERAL INFORMATION:
; APPLICANT: Durbin, Anna P.
; APPLICANT: Collins, Peter L.
; APPLICANT: Murphy, Brian R.
; TITLE OF INVENTION: RECOMBINANT PARAINFLUENZA VIRUS VACCINES ATTENUATED BY
```

```
; TITLE OF INVENTION: DELETION OR ABLATION OF A NON-ESSENTIAL GENE
; FILE REFERENCE: 15280-394000US
; CURRENT APPLICATION NUMBER: US/09/350,821A
; CURRENT FILING DATE: 1999-07-09
; PRIOR APPLICATION NUMBER: 60/047,575
; PRIOR FILING DATE: 1997-05-23
; PRIOR APPLICATION NUMBER: 60/059,385
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 09/083,793
; PRIOR FILING DATE: 1998-05-22
; NUMBER OF SEQ ID NOS: 11
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 11
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Partial
; OTHER INFORMATION: sequence of P mRNA having insertion of two G
; OTHER INFORMATION: residues in editing site
US-09-350-821A-11

Query Match 0.5%; Score 10.4; DB 1; Length 13;
Best Local Similarity 91.7%; Pred. No. 3.1e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1016 AAAAAGAGGGGG 1027
Db 2 AAAAAGAGGGGG 13

RESULT 637
US-09-350-821A-11/c
; Sequence 11, Application US/09350821A
; Patent No. 6410023
; GENERAL INFORMATION:
; APPLICANT: Durbin, Anna P.
; APPLICANT: Murphy, Brian R.
; TITLE OF INVENTION: RECOMBINANT PARAINFLUENZA VIRUS VACCINES ATTENUATED BY
; FILE REFERENCE: 15280-394000US
; CURRENT APPLICATION NUMBER: US/09/350,821A
; CURRENT FILING DATE: 1999-07-09
; PRIOR APPLICATION NUMBER: 60/047,575
; PRIOR FILING DATE: 1997-05-23
; PRIOR APPLICATION NUMBER: 60/059,385
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 09/083,793
; PRIOR FILING DATE: 1998-05-22
; NUMBER OF SEQ ID NOS: 11
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 11
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Partial
; OTHER INFORMATION: sequence of P mRNA having insertion of two G
; OTHER INFORMATION: residues in editing site
US-09-350-821A-11

Query Match 0.5%; Score 10.4; DB 1; Length 13;
Best Local Similarity 91.7%; Pred. No. 3.1e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1677 CCCGACTTTT 1688
Db 12 CCCGCTTTT 1

RESULT 638
US-09-474-432B-136/c
```

; Sequence 136, Application US/09474432B
; Patent No. 6528640
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Burgin, Alex
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpaisky, Alex
; APPLICANT: Adamic, Jasenka
; APPLICANT: Sweedler, David
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleotides
; FILE REFERENCE: MBH00-831-B (247/276)
; CURRENT APPLICATION NUMBER: US/09/474,432B
; CURRENT FILING DATE: 1999-12-19
; PRIOR APPLICATION NUMBER: US 60/064,866
; PRIOR FILING DATE: 1997-11-05
; PRIOR APPLICATION NUMBER: US 60/084,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: US 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: US 09/301,511
; PRIOR FILING DATE: 1999-04-28
; NUMBER OF SEQ ID NOS: 1526
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 136
; LENGTH: 13
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-474-432B-136

Query Match 0.5%; Score 10.4; DB 1; Length 13;
Best Local Similarity 91.7%; Pred. No. 3.1e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1053 CTTGGCCCAAA 1064
Db 12 CTTGGCCCAAA 1

RESULT 639
US-09-476-387-136/C
; Sequence 136, Application US/09476387
; Patent No. 6617438
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpaisky, Alex
; APPLICANT: Adamic, Jasenka Matulic
; APPLICANT: Sweedler, Dave
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleotides
; FILE REFERENCE: MBH00-831-C (249/073)
; CURRENT APPLICATION NUMBER: US/09/476,387
; CURRENT FILING DATE: 2001-04-04
; PRIOR APPLICATION NUMBER: 09/474,432
; PRIOR FILING DATE: 1999-12-29
; PRIOR APPLICATION NUMBER: 09/301,511
; PRIOR FILING DATE: 1999-04-28
; PRIOR APPLICATION NUMBER: 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: 60/083,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/064,866
; PRIOR FILING DATE: 1997-11-05
; NUMBER OF SEQ ID NOS: 1524
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 136
; LENGTH: 13
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-476-387-136

Query Match 0.5%; Score 10.4; DB 1; Length 13;
Best Local Similarity 91.7%; Pred. No. 3.1e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 1053 CTTGGCCCAAA 1064
Db 12 CTTGGCCCAAA 1
RESULT 640
US-09-230-652-20/C
; Patent No. 5256775
; APPLICANT: PROSLER, BRIAN C.
; TITLE OF INVENTION: EXONUCLEASE-RESISTANT OLIGONUCLEOTIDES
; NUMBER OF SEQUENCES: 4
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/555,522
; FILING DATE: 05-JUN-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 361,045
; FILING DATE: 05-JUN-1989
; SEQ ID NO: 2
; LENGTH: 13
5256775-2

Query Match 0.5%; Score 10.4; DB 1; Length 13;
Best Local Similarity 91.7%; Pred. No. 3.1e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1018 AAAGAGGGGAG 1029
Db 13 AAAGAGGGGAG 2

RESULT 641
US-09-230-652-20/C
; Sequence 20, Application US/09230652A
; Patent No. 6537775
; GENERAL INFORMATION:
; APPLICANT: Tournier-Lasserre, Elisabeth
; APPLICANT: Joutel, Anne
; APPLICANT: Bousser, Marie-Germaine
; APPLICANT: Bach, Jean-Francois
; TITLE OF INVENTION: GENE INVOLVED IN CADASIL, METHOD OF DIAGNOSIS AND
; TITLE OF INVENTION: THERAPEUTIC APPLICATION
; FILE REFERENCE: 03715.0048-00000
; CURRENT APPLICATION NUMBER: US/09/230,652A
; CURRENT FILING DATE: 1999-05-17
; EARLIER APPLICATION NUMBER: FR 96 09733
; EARLIER FILING DATE: 1996-08-01
; EARLIER APPLICATION NUMBER: FR 97 04680
; EARLIER FILING DATE: 1997-04-16
; EARLIER APPLICATION NUMBER: PCT/FR97/01433
; EARLIER FILING DATE: 1997-07-31
; NUMBER OF SEQ ID NOS: 163
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 20
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer
US-09-230-652-20

Query Match 0.5%; Score 10.4; DB 1; Length 14;
Best Local Similarity 91.7%; Pred. No. 3.9e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 816 AGCCCTGGAGTG 827
Db 12 AGCCCTGGAGTG 1

```

RESULT 642
US-08-146-010A-8
; Sequence 8, Application US/08146010A
; Patent No. 5591577
; GENERAL INFORMATION:
; APPLICANT: TSUCHIYA, MAKOTO
; APPLICANT: MORIYA, MIKO
; APPLICANT: MIWA, KIYOSHI
; TITLE OF INVENTION: MOBILE GENETIC ELEMENT ORIGINATED FROM
; NUMBER OF INVENTION: BREVIBACTERIUM STRAIN
; NUMBER OF SEQUENCES: 9
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT
; STREET: 1755 S. JEFFERSON DAVIS HIGHWAY, FOURTH FLOOR
; CITY: ARLINGTON
; STATE: VIRGINIA
; COUNTRY: USA
; ZIP: 22202
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/146,010A
; FILING DATE: 12-NOV-1993
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: JP 52694/92
; FILING DATE: 11-MAR-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: OBLON, NORMAN F.
; REGISTRATION NUMBER: 24,618
; REFERENCE/DOCKET NUMBER: 10-649-0
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703) 413-3000
; TELEFAX: (703) 413-2220
; TELEX: 248855 OPAT UR
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; ORIGINAL SOURCE:
; ORGANISM: Brevibacterium lactofermentum
; STRAIN: AJ2256
;
US-08-146-010A-8

Query Match 0.5%; Score 10.4; DB 1; Length 14;
Best Local Similarity 91.7%; Pred. No. 3.9e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1213 GGGGCTGACCCC 1224
DB 1 GGGACTGACCCC 12

RESULT 643
US-08-442-513A-10
; Sequence 10, Application US/08442513A
; Patent No. 5646031
; GENERAL INFORMATION:
; APPLICANT: DeYoung, Mary Beth
; APPLICANT: Siwkowski, Andrew M.
; APPLICANT: Hampel, Arnold E.
; TITLE OF INVENTION: METHOD FOR DERIVING RIBOZYMES FROM
; NUCLEOTIDE SEQUENCES AND RIBOZYMES DERIVED THEREOF
; NUMBER OF SEQUENCES: 19
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Kohn & Associates

```

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;
; APPLICATION NUMBER: JP 7-166541
; FILING DATE: 30-JUN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: OBLON, NORMAN F.
; REGISTRATION NUMBER: 24,618
; REFERENCE/DOCKET NUMBER: 10-810-0
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703) 413-3000
; TELEFAX: (703) 413-2220
; TELEX: 248855 OPAT UR
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; ORGANISM: Brevibacterium lactofermentum
; STRAIN: Aul2036
; US-08-674-168-10

Query Match 0.5%; Score 10.4; DB 1; Length 14;
Best Local Similarity 91.7%; Pred. No. 3.9e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1213 GGGGCTGACCCC 1224
Db 1 GGGAGTACCCC 12

RESULT 645
US-08-639-080-4
; Sequence 4, Application US/08639080
; Patent No. 5843661
; GENERAL INFORMATION:
; APPLICANT: Rothenmund, Paul W.K.
; TITLE OF INVENTION: METHOD FOR CONSTRUCTING UNIVERSAL DNA
; BASED MOLECULAR TURING MACHINE
; NUMBER OF SEQUENCES: 31
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson P.C.
; STREET: 4225 Executive Square, Ste 1400
; CITY: La Jolla
; STATE: CA
; COUNTRY: USA
; ZIP: 92037
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/639,080
; FILING DATE: April 24, 1996
; CLASSIFICATION: 536
; ATTORNEY/AGENT INFORMATION:
; NAME: Harris, Scott C.
; REGISTRATION NUMBER: 32,030
; REFERENCE/DOCKET NUMBER: 05618/129001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (619) 678-5070
; TELEFAX: (619) 678-5099
; TELEX:
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid

;
; DESCRIPTION: oligonucleotide
; US-08-639-080-4
; Query Match 0.5%; Score 10.4; DB 1; Length 14;
; Best Local Similarity 91.7%; Pred. No. 3.9e+02;
; Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 735 GAAACAGAACAC 746
Db 2 GAAACAGTACAC 13

RESULT 646
US-08-505-377-18
; Sequence 18, Application US/08505377
; Patent No. 5856146
; GENERAL INFORMATION:
; APPLICANT: MITSUZUMI, Hitoshi
; APPLICANT: KUBOTA, Michio
; APPLICANT: SUGIMOTO, Toshiyuki
; TITLE OF INVENTION: RECOMBINANT THERMOSTABLE ENZYME WHICH
; RELEASES TREHALOSE FROM NON-REDUCING SACCHARIDE
; NUMBER OF SEQUENCES: 19
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Browdy and Neimark
; STREET: 419 Seventh Street N.W. Ste. 300
; CITY: Washington
; STATE: D.C.
; COUNTRY: U.S.A.
; ZIP: 20004
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/505,377
; FILING DATE: 21-JUL-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: JP 190180/1994
; FILING DATE: 21-JUL-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: JP 109128/1995
; FILING DATE: 11-APR-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: JP NOT YET RECEIVED
; FILING DATE: 04-JUL-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Browdy, Roger L.
; REGISTRATION NUMBER: 25,618
; REFERENCE/DOCKET NUMBER: MITSUZUMI=1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 628-5197
; TELEFAX: (202) 737-3528
; TELEX: 249688
; INFORMATION FOR SEQ ID NO: 18:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cdna
; US-08-505-377-18

Query Match 0.5%; Score 10.4; DB 1; Length 14;
Best Local Similarity 91.7%; Pred. No. 3.9e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1067 CAAGCTTCAGTC 1078
Db 1 CAAGCTTCATTC 12
```

; LENGTH: 14
; TYPE: DNA
; ORGANISM: Unknown
; FEATURE:
; OTHER INFORMATION: Description of Unknown Organism: PCR product
US-08-487-799-87

Query Match 0.5%; Score 10.4; DB 1; Length 14;
Best Local Similarity 91.7%; Pred. No. 3.9e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 911 TCCTTCGTCCTTT 922
Db 3 TCCTTCGTCCTTT 14

RESULT 649
US-08-798-269-18
; Sequence 18, Application US/08798269
; Patent No. 6027918
; GENERAL INFORMATION:
; APPLICANT: MITSUZUMI, Hitoshi
; APPLICANT: KUBOTA, Michio
; APPLICANT: SUGIMOTO, Toshiyuki
; TITLE OF INVENTION: RECOMBINANT THERMOSTABLE ENZYME WHICH
; TITLE OF INVENTION: RELEASES TREHALOSE FROM NON-REDUCING SACCHARIDE
; NUMBER OF SEQUENCES: 19
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Browdy and Neimark
; STREET: 419 Seventh Street N.W. Ste. 300
; CITY: Washington
; STATE: D.C.
; COUNTRY: U.S.A.
; ZIP: 20004
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/798,269
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/505,377
; FILING DATE: 21-JUL-1995
; APPLICATION NUMBER: JP 190180/1994
; FILING DATE: 21-JUL-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: JP 109128/1995
; FILING DATE: 11-APR-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: JP NOT YET RECEIVED
; FILING DATE: 04-JUL-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Browdy, Roger L.
; REGISTRATION NUMBER: 25,618
; REFERENCE/DOCKET NUMBER: MITSUZUMI=1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 628-5197
; TELEFAX: (202) 737-3528
; TELEX: 249688
; INFORMATION FOR SEQ ID NO: 18:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
US-08-798-269-18

Query Match 0.5%; Score 10.4; DB 1; Length 14;
Best Local Similarity 91.7%; Pred. No. 3.9e+02;

; LENGTH: 14
; TYPE: DNA
; ORGANISM: Unknown
; FEATURE:
; OTHER INFORMATION: Description of Unknown Organism: PCR product
US-08-487-799-87

Query Match 0.5%; Score 10.4; DB 1; Length 14;
Best Local Similarity 91.7%; Pred. No. 3.9e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 911 TCCTTCGTCCTTT 922
Db 3 TCCTTCGTCCTTT 14

RESULT 649
US-08-798-269-18
; Sequence 18, Application US/08798269
; Patent No. 6027918
; GENERAL INFORMATION:
; APPLICANT: MITSUZUMI, Hitoshi
; APPLICANT: KUBOTA, Michio
; APPLICANT: SUGIMOTO, Toshiyuki
; TITLE OF INVENTION: RECOMBINANT THERMOSTABLE ENZYME WHICH
; TITLE OF INVENTION: RELEASES TREHALOSE FROM NON-REDUCING SACCHARIDE
; NUMBER OF SEQUENCES: 19
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Browdy and Neimark
; STREET: 419 Seventh Street N.W. Ste. 300
; CITY: Washington
; STATE: D.C.
; COUNTRY: U.S.A.
; ZIP: 20004
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/585,888
; FILING DATE: 16-JAN-1996
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP 95400080.8
; FILING DATE: 16-JAN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: McGowan, Malcolm K.
; REGISTRATION NUMBER: 39,300
; REFERENCE/DOCKET NUMBER: 010830-097
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703) 836-6620
; TELEFAX: (703) 836-2021
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-585-888-4

Query Match 0.5%; Score 10.4; DB 1; Length 14;
Best Local Similarity 91.7%; Pred. No. 3.9e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 868 ACTGAGGACTCA 879
Db 2 ACTGAGGACTCA 13

RESULT 648
US-08-487-799-87
; Sequence 87, Application US/08487799C
; Patent No. 6010908
; GENERAL INFORMATION:
; APPLICANT: Gruenert, Deiter C.
; APPLICANT: Kunzelmann, Karl
; TITLE OF INVENTION: GENE THERAPY BY SMALL FRAGMENTS HOMOLOGOUS REPLACEMENT
; FILE REFERENCE: 480.18-1(HV)
; CURRENT APPLICATION NUMBER: US/08/487,799C
; CURRENT FILING DATE: 1995-06-07
; EARLIER APPLICATION NUMBER: 07/933,471
; EARLIER FILING DATE: 1992-08-21
; EARLIER APPLICATION NUMBER: 08/409,544
; EARLIER FILING DATE: 1995-03-24
; NUMBER OF SEQ ID NOS: 87
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 87

Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1067 CAAGCTTCAGTC 1078
 |||||
 Db 1 CAAGCTTCATC 12

RESULT 650
 US-08-180-470-17
 ; Sequence 17, Application US/08180470
 ; Patent No. 6045994
 ; GENERAL INFORMATION:
 ; APPLICANT: ZABEAU, Marc
 ; APPLICANT: VOS, Pieter
 ; TITLE OF INVENTION: SELECTIVE RESTRICTION FRAGMENT
 ; TITLE OF INVENTION: AMPLIFICATION: A GENERAL METHOD FOR DNA
 ; NUMBER OF SEQUENCES: 90
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Burns, Doane, Swecker & Mathis
 ; STREET: The George Mason Bldg., Washington & Prince
 ; STREET: Sts.
 ; CITY: Alexandria
 ; STATE: Virginia
 ; COUNTRY: United States
 ; ZIP: 22313-1404
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: PatentIn Release #1.0, Version #1.25
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/180,470
 ; FILING DATE:
 ; CLASSIFICATION:
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 07/950,011
 ; FILING DATE:
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Crane-Feury, Sharon E
 ; REGISTRATION NUMBER: 36,113
 ; REFERENCE/DOCKET NUMBER: 010830-031
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: (703) 836-6620
 ; TELEFAX: (703) 836-2021
 ; INFORMATION FOR SEQ ID NO: 17:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 14 base pairs
 ; TYPE: nucleic acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 ; MOLECULE TYPE: DNA (genomic)
 ; US-08-180-470-17

Query Match 0.5%; Score 10.4; DB 1; Length 14;
 Best Local Similarity 91.7%; Pred. No. 3.9e+02;
 Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 868 ACTGAGGACTCA 879
 |||||
 Db 2 ACTGAGGACTCA 13

RESULT 651
 US-08-988-162-1776/c
 ; Sequence 1776, Application US/08985162
 ; Patent No. 6057156
 ; GENERAL INFORMATION:
 ; APPLICANT: Akhtar, Saghir
 ; APPLICANT: Fell, Patricia
 ; APPLICANT: McSwiggen, James
 ; TITLE OF INVENTION: ENZYMAIC NUCLEIC ACID TREATMENT
 ; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
 ; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH

TITLE OF INVENTION: FACTOR RECEPTORS
 NUMBER OF SEQUENCES: 1877
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Lyon & Lyon
 STREET: 633 West Fifth Street
 STREET: Suite 4700
 CITY: Los Angeles
 STATE: California
 COUNTRY: U.S.A.
 ZIP: 90071-2066
 COMPUTER READABLE FORM:
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 MEDIUM TYPE: storage
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: IBM P.C. DOS 5.0
 SOFTWARE: Fast-SEQ for Windows 2.0
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/985,162
 FILING DATE: 04 December 1997
 CLASSIFICATION: 514
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 60/036,476
 FILING DATE: 31 January 1997
 ATTORNEY/AGENT INFORMATION:
 NAME: Warburg, Richard J.
 REGISTRATION NUMBER: 32,327
 REFERENCE/DOCKET NUMBER: 230/107
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (213) 489-1600
 TELEFAX: (213) 955-0440
 TELEX: 67-3510
 INFORMATION FOR SEQ ID NO: 1776:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 14 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 ; US-08-985-162-1776

Query Match 0.5%; Score 10.4; DB 1; Length 14;
 Best Local Similarity 91.7%; Pred. No. 3.9e+02;
 Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1107 CTTGAGTCCCGT 1118
 |||||
 Db 13 CTTGAGTCCGGT 2

RESULT 652
 US-08-765-340-115/c
 ; Sequence 115, Application US/08765340
 ; Patent No. 6150092
 ; GENERAL INFORMATION:
 ; APPLICANT: UCHIDA, K.
 ; APPLICANT: UCHIDA, T.
 ; APPLICANT: TANAKA, Y.
 ; APPLICANT: MATSUDA, Y.
 ; APPLICANT: KONDO, S.
 ; TITLE OF INVENTION: AN ANTISENSE NUCLEIC ACID
 ; TITLE OF INVENTION: COMPOUND
 ; NUMBER OF SEQUENCES: 185
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: MORGAN & FINNEGAN, L.L.P.
 ; STREET: 345 PARK AVENUE
 ; CITY: NEW YORK
 ; STATE: NEW YORK
 ; COUNTRY: USA
 ; ZIP: 10154
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: PatentIn Release #1.0, Version

SOFTWARE: #1.30 (EPO)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/765,340
FILING DATE: 23-DEC-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: JP 145146/94
FILING DATE: 27-JUN-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: JP 311130/94
FILING DATE: 21-NOV-1994
ATTORNEY/AGENT INFORMATION:
NAME: SERUNIAN, LESLIE
REGISTRATION NUMBER: 35,353
REFERENCE/DOCKET NUMBER: 1452-4005
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 758-4800
TELEFAX: (212) 751-6849
INFORMATION FOR SEQ ID NO: 115:
SEQUENCE CHARACTERISTICS:
LENGTH: 14 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "synthetic DNA"
US-08-765-340-115

Query Match 0.5%; Score 10.4; DB 1; Length 14;
Best Local Similarity 91.7%; Pred. No. 3.9e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1085 CAGGCTCACCC 1096
Db 14 CAGGCTGCACCC 3

RESULT 653
US-08-765-340-150
Sequence 150, Application US/08765340
Patent No. 6150092
GENERAL INFORMATION:
APPLICANT: UCHIDA, K.,
APPLICANT: UCHIDA, T.,
APPLICANT: TANAKA, Y.,
APPLICANT: MATSUDA, Y.,
APPLICANT: KONDO, S.,
TITLE OF INVENTION: AN ANTISENSE NUCLEIC ACID COMPOUND
NUMBER OF SEQUENCES: 185
CORRESPONDENCE ADDRESS:
ADDRESSEE: MORGAN & FINNEGAN, L.L.P.
STREET: 345 PARK AVENUE
CITY: NEW YORK
STATE: NEW YORK
COUNTRY: USA
ZIP: 10154
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/765,340
FILING DATE: 23-DEC-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: JP 145146/94
FILING DATE: 27-JUN-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: JP 311130/94
FILING DATE: 21-NOV-1994
ATTORNEY/AGENT INFORMATION:
NAME: SERUNIAN, LESLIE

REGISTRATION NUMBER: 35,353
REFERENCE/DOCKET NUMBER: 1452-4005
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 758-4800
TELEFAX: (212) 751-6849
INFORMATION FOR SEQ ID NO: 150:
SEQUENCE CHARACTERISTICS:
LENGTH: 14 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "synthetic DNA"
US-08-765-340-150

Query Match 0.5%; Score 10.4; DB 1; Length 14;
Best Local Similarity 91.7%; Pred. No. 3.9e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1078 CCACCTCCAGGC 1089
Db 2 CACACTCCAGGC 13

RESULT 654
US-08-413-740A-200
Sequence 200, Application US/08413740A
Patent No. 6171859
GENERAL INFORMATION:
APPLICANT: HERRNSTADT, CORINNA
APPLICANT: PARKER, WILLIAM D.
APPLICANT: DAVIS, ROBERT
APPLICANT: MILLER, SCOTT W.
TITLE OF INVENTION: Diagnosis, Therapy and Cellular and
TITLE OF INVENTION: Animal Models for Diseases Associated with Mitochondrial
TITLE OF INVENTION: Defects
NUMBER OF SEQUENCES: 206
CORRESPONDENCE ADDRESS:
ADDRESSEE: Kenyon & Kenyon
STREET: 1025 Connecticut Avenue, N.W.
CITY: Washington
STATE: DC
COUNTRY: USA
ZIP: 20036-5405
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/413,740A
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/04063
FILING DATE: 30-MAR-1995
APPLICATION NUMBER: 08/413,740
FILING DATE: 30-MAR-1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Bonham, David B.
REGISTRATION NUMBER: 34297
REFERENCE/DOCKET NUMBER: 2105/7
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 429-1776
TELEFAX: (202) 429-0796
INFORMATION FOR SEQ ID NO: 200:
SEQUENCE CHARACTERISTICS:
LENGTH: 14 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid

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; HYPOTHETICAL: NO
; ANTI-SENSE: NO
US-08-413-740A-200

Query Match      0.5%; Score 10.4; DB 1; Length 14;
Best Local Similarity 91.7%; Pred. No. 3.9e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1085 CAGGCTTCACCC 1096
      ||||| |||||
Db      3 CAGGCATCACCC 14

RESULT 655
US-09-195-991-4
; Sequence 4, Application US/09195991
; Patent No. 6218119
; GENERAL INFORMATION:
; APPLICANT: KUIPER, Martin T.R.
; APPLICANT: ZABEAU, Marc
; TITLE OF INVENTION: AMPLIFICATION OF SIMPLE SEQUENCE REPEATS
; NUMBER OF SEQUENCES: 47
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BURNS, DOANE, SWECKER & MATHIS
; STREET: P.O. Box 1404
; CITY: Alexandria
; STATE: Virginia
; COUNTRY: United States
; ZIP: 22313-1404
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/195,991
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/585,888
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: McGowan, Malcolm K.
; REGISTRATION NUMBER: 39,300
; REFERENCE/DOCKET NUMBER: 010830-097
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703) 836-6620
; TELEFAX: (703) 836-2021
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-09-195-991-4

Query Match      0.5%; Score 10.4; DB 1; Length 14;
Best Local Similarity 91.7%; Pred. No. 3.9e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      868 ACTGAGGACTCA 879
      ||||| |||||
Db      2 ACTCAGGACTCA 13

RESULT 656
US-09-113-231A-4
; Sequence 4, Application US/09113231A
; Patent No. 6268202
; GENERAL INFORMATION:
; APPLICANT: Huang, Hung C.
; APPLICANT: Cheng, Kuo J.
; APPLICANT: Zantinge, Jennifer L.
; APPLICANT: Laroche, Andre J.
; TITLE OF INVENTION: Strains of Coniothyrium minitans Having Beta-Glucanase
; TITLE OF INVENTION: Activity
; FILE REFERENCE: 37015
; CURRENT APPLICATION NUMBER: US/09/113,231A
; PRIOR FILING DATE: 1998-07-10
; PRIOR FILING DATE: 1997-07-11
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: Patent in ver. 2.1
; SEQ ID NO 4
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence.MseI - AFLP
; OTHER INFORMATION: reverse adapter
US-09-113-231A-4

Query Match      0.5%; Score 10.4; DB 1; Length 14;
Best Local Similarity 91.7%; Pred. No. 3.9e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      868 ACTGAGGACTCA 879
      ||||| |||||
Db      2 ACTCAGGACTCA 13

RESULT 657
US-09-362-311-10
; Sequence 10, Application US/09362311
; Patent No. 6300071
; GENERAL INFORMATION:
; APPLICANT: VUYLSTEKE, Keygene
; TITLE OF INVENTION: METHOD FOR DETECTING NUCLEIC ACID METHYLATION USING AFLPTM
; FILE REFERENCE: VUYLSTEKE=1
; CURRENT APPLICATION NUMBER: US/09/362,311
; CURRENT FILING DATE: 1999-07-28
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 10
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Unknown
; FEATURE:
; NAME/KEY: misc feature
; OTHER INFORMATION: MseI-adaptor
; NAME/KEY: misc feature
; LOCATION: (2)-(16)
; OTHER INFORMATION: complementary to SEQ ID NO:9
US-09-362-311-10

Query Match      0.5%; Score 10.4; DB 1; Length 14;
Best Local Similarity 91.7%; Pred. No. 3.9e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      868 ACTGAGGACTCA 879
      ||||| |||||
Db      2 ACTCAGGACTCA 13

RESULT 658
US-09-081-646-258/c
; Sequence 258, Application US/09081646
; Patent No. 6333152
; GENERAL INFORMATION:
; APPLICANT: Kinzler, Kenneth
; APPLICANT: Vogelstein, Bert
; APPLICANT: Zhang, Lin
; APPLICANT: Zhou, Wei
```

;; TITLE OF INVENTION: Gene Expression Profiles in No. 6333152mal and
;; TITLE OF INVENTION: Cancer Cells
;; FILE REFERENCE: 01107.74664
;; CURRENT APPLICATION NUMBER: US/09/081.646
;; CURRENT FILING DATE: 1998-05-20
;; EARLIER APPLICATION NUMBER: 60/047,352
;; EARLIER FILING DATE: 1997-05-21
;; NUMBER OF SEQ ID NOS: 871
;; SOFTWARE: PASTSEQ for Windows Version 3.0
;; SEQ ID NO 258
;; LENGTH: 14
;; TYPE: DNA
;; ORGANISM: Homo sapiens
US-09-081-646-258

Query Match 0.5%; Score 10.4; DB 1; Length 14;
Best Local Similarity 91.7%; Pred. No. 3.9e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1215 GGCTGACCCCAT 1226
Db 13 GGCTGACCCCAT 2

RESULT 659
US-09-055-210-18
; Sequence 18, Application US/09055210
; Patent No. 6346394
; GENERAL INFORMATION:
; APPLICANT: MITSUZUMI, Hitoshi
; APPLICANT: KUBOTA, Michio
; TITLE OF INVENTION: RECOMBINANT THERMOSTABLE ENZYME WHICH
; TITLE OF INVENTION: RELEASES TREHALOSE FROM NON-REDUCING SACCHARIDE
; NUMBER OF SEQUENCES: 19
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Browdy and Neimark
; STREET: 419 Seventh Street N.W. Ste. 300
; CITY: Washington
; STATE: D.C.
; COUNTRY: U.S.A.
; ZIP: 20004
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/055,210
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/505,377
; FILING DATE: 21-JUL-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: JP 109128/1995
; FILING DATE: 11-APR-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: JP NOT YET RECEIVED
; FILING DATE: 04-JUL-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Browdy, Roger L
; REGISTRATION NUMBER: 25,618
; REFERENCE/DOCKET NUMBER: MITSUZUMI=1
; TELEPHONE: (202) 628-5197
; TELEFAX: (202) 737-3528
; TELEX: 249688
; INFORMATION FOR SEQ ID NO: 18:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single

;; TOPOLOGY: linear
;; MOLECULE TYPE: cDNA
US-09-055-210-18

Query Match 0.5%; Score 10.4; DB 1; Length 14;
Best Local Similarity 91.7%; Pred. No. 3.9e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1067 CAAGCTTCAGTC 1078
Db 1 CAAGCTTCATTC 12

RESULT 660
US-09-593-012-50/c
; Sequence 50, Application US/09593012
; Patent No. 6387652
; GENERAL INFORMATION:
; APPLICANT: HAUGLAND, Richard
; APPLICANT: VESPER, Stephen
; TITLE OF INVENTION: METHOD OF IDENTIFYING AND QUANTIFYING SPECIFIC FUNGI AND BACTERIA
; FILE REFERENCE: HAUGLAND=1A
; CURRENT APPLICATION NUMBER: US/09/593,012
; CURRENT FILING DATE: 2000-06-13
; PRIOR APPLICATION NUMBER: US 09/290,990
; PRIOR FILING DATE: 1999-04-14
; PRIOR APPLICATION NUMBER: US 60/081,773
; PRIOR FILING DATE: 1998-04-15
; NUMBER OF SEQ ID NOS: 225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 50
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Aspergillus versicolor
US-09-593-012-50

Query Match 0.5%; Score 10.4; DB 1; Length 14;
Best Local Similarity 91.7%; Pred. No. 3.9e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1179 GGCTCCCGCAG 1190
Db 12 GGCTCCCGCGC 1

RESULT 661
US-08-535-249-87/c
; Sequence 87, Application US/08535249
; Patent No. 6455689
; GENERAL INFORMATION:
; APPLICANT: Schlengersiepen, Georg-Ferdinand
; APPLICANT: Brysch, Wolfgang
; APPLICANT: Schlengersiepen, Karl-Hermann
; APPLICANT: Schlengersiepen, Reimar
; APPLICANT: Bogdahn, Ulrich
; TITLE OF INVENTION: Antisense-oligonucleotides for the treatment of
; TITLE OF INVENTION: immuno-suppressive effect of transforming-growth-factor beta
; NUMBER OF SEQUENCES: 137
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Jacobson, Price, Holman & Stern
; STREET: 400 Seventh St. N.W.
; CITY: Washington D.C.
; COUNTRY: U.S.A.
; ZIP: 20004
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/535,249
; FILING DATE:
; CLASSIFICATION: 514

```
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP 93 107 089.0
; FILING DATE: 30-APR-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP 93 107 849.7
; FILING DATE: 13-MAY-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Player, William E.
; REGISTRATION NUMBER: 31,409
; REFERENCE/DOCKET NUMBER: 10577/P58418
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202)638-6666
; TELEFAX: (202) 393-5350
; TELEX: RCA 248593 IDEA UR
; INFORMATION FOR SEQ ID NO: 87:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: DNA (genomic)
; ANTI-SENSE: YES
; US-08-535-249-87

Query Match          0.5%; Score 10.4; DB 1; Length 14;
Best Local Similarity 91.7%; Pred. No. 3.9e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1254 CATCCCAACCC 1265
DB 13 CATCCCAACCC 2

RESULT 662
US-08-535-249-125
; Sequence 125, Application US/08535249
; Patent No. 6455689
; GENERAL INFORMATION:
; APPLICANT: Schlingensiepen, Georg-Ferdinand
; APPLICANT: Brysch, Wolfgang
; APPLICANT: Schlingensiepen, Karl-Hermann
; APPLICANT: Schlingensiepen, Reimar
; APPLICANT: Bogdahn, Ulrich
; TITLE OF INVENTION: Antisense-oligonucleotides for the treatment of
; NUMBER OF SEQUENCES: 137
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Jacobson, Price, Holman & Stern
; STREET: 400 Seventh St. N.W.
; CITY: Washington D.C.
; COUNTRY: U.S.A.
; ZIP: 20004
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/535,249
; FILING DATE:
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP 93 107 089.0
; FILING DATE: 30-APR-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP 93 107 849.7
; FILING DATE: 13-MAY-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Player, William E.
; REGISTRATION NUMBER: 31,409
; REFERENCE/DOCKET NUMBER: 10577/P58418
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202)638-6666

; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP 93 107 089.0
; FILING DATE: 30-APR-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP 93 107 849.7
; FILING DATE: 13-MAY-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Player, William E.
; REGISTRATION NUMBER: 31,409
; REFERENCE/DOCKET NUMBER: 10577/P58418
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202)638-6666

; TELEFAX: (202) 393-5350
; TELEX: RCA 248593 IDEA UR
; INFORMATION FOR SEQ ID NO: 125:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: DNA (genomic)
; ANTI-SENSE: YES
; US-08-535-249-125

Query Match          0.5%; Score 10.4; DB 1; Length 14;
Best Local Similarity 91.7%; Pred. No. 3.9e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 731 AGGAGAACAGCA 742
DB 1 AGGAGAGCAGCA 12

RESULT 663
US-09-230-652-18
; Sequence 18, Application US/09230652A
; Patent No. 6537775
; GENERAL INFORMATION:
; APPLICANT: Tournier-Lasserve, Elisabeth
; APPLICANT: Joutel, Anne
; APPLICANT: Bousser, Marie-Germaine
; APPLICANT: Bach, Jean-Francois
; TITLE OF INVENTION: GENE INVOLVED IN CADASIL, METHOD OF DIAGNOSIS AND
; FILE REFERENCE: 03715.0048-00000
; CURRENT APPLICATION NUMBER: US/09/230,652A
; CURRENT FILING DATE: 1999-05-17
; EARLIER APPLICATION NUMBER: FR 96 09733
; EARLIER FILING DATE: 1996-08-01
; EARLIER APPLICATION NUMBER: FR 97 04680
; EARLIER FILING DATE: 1997-04-16
; EARLIER APPLICATION NUMBER: PCT/FR97/01433
; EARLIER FILING DATE: 1997-07-31
; NUMBER OF SEQ ID NOS: 163
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer
; US-09-230-652-18

Query Match          0.5%; Score 10.4; DB 1; Length 14;
Best Local Similarity 91.7%; Pred. No. 3.9e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1082 CTCGAGGCTTCA 1093
DB 3 CCCGAGGCTTCA 14

RESULT 664
US-09-357-711A-2
; Sequence 2, Application US/09357711A
; Patent No. 6589648
; GENERAL INFORMATION:
; APPLICANT: DELLAPORTA, STEPHEN
; APPLICANT: CHOMET, PAUL
; TITLE OF INVENTION: METHOD FOR SELECTION OF INSERTION MUTATIONS
; FILE REFERENCE: DEKM:156--1
; CURRENT APPLICATION NUMBER: US/09/357,711A
; CURRENT FILING DATE: 1999-07-20
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: PatentIn Ver. 2.1
```

```
; SEQ ID NO 2
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Zea mays
US-09-357-711A-2

Query Match          0.5%; Score 10.4; DB 1; Length 14;
Best Local Similarity 91.7%; Pred. No. 3.9e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      868 ACTGAGGACTCA 879
Db      2 ACTCAGGACTCA 13

RESULT 665
US-09-245-928A-6
; Sequence 6, Application US/09245928A
; Patent No. 6613962
; GENERAL INFORMATION:
; APPLICANT: KEYGENE N.V.
; TITLE OF INVENTION: RESISTANCE AGAINST NEMATODES AND/OR APHIDS
; FILE REFERENCE: 960-35
; CURRENT APPLICATION NUMBER: US/09/245,928A
; CURRENT FILING DATE: 1999-02-08
; PRIOR APPLICATION NUMBER: PCT/EP97/04340
; PRIOR FILING DATE: 1997-08-08
; PRIOR APPLICATION NUMBER: EP96401764.4
; PRIOR FILING DATE: 1996-08-09
; PRIOR APPLICATION NUMBER: EP97401101.7
; PRIOR FILING DATE: 1997-05-16
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: Patent in Ver. 2.0
; SEQ ID NO 6
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Meel adapter
US-09-245-928A-6

Query Match          0.5%; Score 10.4; DB 1; Length 14;
Best Local Similarity 91.7%; Pred. No. 3.9e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      868 ACTGAGGACTCA 879
Db      2 ACTCAGGACTCA 13

RESULT 666
US-09-401-063-1776/c
; Sequence 1776, Application US/09401063
; Patent No. 6623962
; GENERAL INFORMATION:
; APPLICANT: Akhtar, Saghir
; APPLICANT: Fell, Patricia
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
; TITLE OF INVENTION: FACTOR RECEPTORS
; NUMBER OF SEQUENCES: 1877
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
```

```
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/401,063
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; PRIOR APPLICATION NUMBER: 08/985,162
; FILING DATE: 04 December 1997
; APPLICATION NUMBER: 60/036,476
; FILING DATE: 31 January 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 230/107
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1776:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-401-063-1776

Query Match          0.5%; Score 10.4; DB 1; Length 14;
Best Local Similarity 91.7%; Pred. No. 3.9e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1107 CTTCACTCCCGT 1118
Db      13 CTTCACTCCCGT 2

RESULT 667
US-09-874-601-18/c
; Sequence 18, Application US/09874601
; Patent No. 6632057
; GENERAL INFORMATION:
; APPLICANT: LEWIN, ALFRED S.
; APPLICANT: SHAW, LYNN C.
; APPLICANT: GRANT, MARIA B.
; TITLE OF INVENTION: ADENO-ASSOCIATED VIRUS-DELIVERED RIBOZYME COMPOSITIONS AND METH
; TITLE OF INVENTION: THE TREATMENT OF RETINAL DISEASES
; FILE REFERENCE: 4300, 014100
; CURRENT APPLICATION NUMBER: US/09/874,601
; CURRENT FILING DATE: 2001-05-01
; PRIOR APPLICATION NUMBER: 09/063,667
; PRIOR FILING DATE: 1998-04-21
; PRIOR APPLICATION NUMBER: 60/046,147
; PRIOR FILING DATE: 1997-05-09
; PRIOR APPLICATION NUMBER: 60/044,492
; PRIOR FILING DATE: 1997-04-21
; NUMBER OF SEQ ID NOS: 182
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 18
; LENGTH: 14
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: ()..()
; OTHER INFORMATION: SYNTHETIC OLIGONUCLEOTIDE
US-09-874-601-18

Query Match          0.5%; Score 10.4; DB 1; Length 14;
Best Local Similarity 91.7%; Pred. No. 3.9e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

QY 731 AGGAGAAACAGA 742
Db 14 AGCAGAAACAGA 3

RESULT 668
US-09-874-601-119
Sequence 119, Application US/09874601
Patent No. 6632057
GENERAL INFORMATION:
APPLICANT: LEWIN, ALFRED S.
APPLICANT: SHAW, LYNN C.
APPLICANT: GRANT, MARIA B.
TITLE OF INVENTION: ADENO-ASSOCIATED VIRUS-DELIVERED RIBOZYME COMPOSITIONS AND METHOD
TITLE OF INVENTION: THE TREATMENT OF RETINAL DISEASES
FILE REFERENCE: 4300.014100
CURRENT APPLICATION NUMBER: US/09/874,601
CURRENT FILING DATE: 2001-05-01
PRIOR APPLICATION NUMBER: 09/063,667
PRIOR FILING DATE: 1998-04-21
PRIOR APPLICATION NUMBER: 60/046,147
PRIOR FILING DATE: 1997-05-09
PRIOR APPLICATION NUMBER: 60/044,492
PRIOR FILING DATE: 1997-04-21
NUMBER OF SEQ ID NOS: 182
SOFTWARE: Patent in version 3.0
SEQ ID NO 119
LENGTH: 14
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
NAME/KEY: misc feature
LOCATION: ()..()
OTHER INFORMATION: SYNTHETIC OLIGONUCLEOTIDE
US-09-874-601-119

Query Match 0.5%; Score 10.4; DB 1; Length 14;
Best Local Similarity 75.0%; Pred. No. 3.9e+02;
Matches 9; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 1266 CTTTCAGAGTG 1277
Db 2 CCUCAGAGUG 13

RESULT 669
PCT-US95-04063-200
Sequence 200, Application PC/TUS9504063
GENERAL INFORMATION:
APPLICANT: HERNSTADT, CORINNA
APPLICANT: PARKER, WILLIAM D.
APPLICANT: DAVIS, ROBERT
APPLICANT: MILLER, SCOTT W.
TITLE OF INVENTION: Diagnosis, Therapy and Cellular and
TITLE OF INVENTION: Animal Models for Diseases Associated with Mitochondrial
TITLE OF INVENTION: Defects
NUMBER OF SEQUENCES: 206
CORRESPONDENCE ADDRESS:
ADDRESSEE: Kenyon & Kenyon
STREET: 1025 Connecticut Avenue, N.W.
CITY: Washington
STATE: DC
COUNTRY: USA
ZIP: 20036-5405
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/04063
FILING DATE: 30-MAR-1995
CLASSIFICATION:

ATTORNEY/AGENT INFORMATION:
NAME: Bonham, David B.
REGISTRATION NUMBER: 34297
REFERENCE/DOCKET NUMBER: 2105/7
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 429-1776
TELEFAX: (202) 429-0796
INFORMATION FOR SEQ ID NO: 200:
SEQUENCE CHARACTERISTICS:
LENGTH: 14 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
HYPOTHETICAL: NO
ANTI-SENSE: NO
PCT-US95-04063-200

Query Match 0.5%; Score 10.4; DB 1; Length 14;
Best Local Similarity 91.7%; Pred. No. 3.9e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1085 CAGGCTTCACCC 1096
Db 3 CAGGATCACCC 14

RESULT 670
5427929-22/c
Patent No. 5427929
APPLICANT: RICHARDS, RODNEY M.; JONES, THEODORE; SNITMAN, DAVID
L.; BROWN, GREGORY S.
TITLE OF INVENTION: METHOD FOR REDUCING CARRYOVER CONTAMINATION
IN AN AMPLIFICATION PROCEDURE
NUMBER OF SEQUENCES: 24
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/57,192
FILING DATE: 3-MAY-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 686,478
FILING DATE: 19-APR-1991
APPLICATION NUMBER: 517,631
FILING DATE: 01-MAY-1990
SEQ ID NO: 22:
LENGTH: 14
5427929-22

Query Match 0.5%; Score 10.4; DB 1; Length 14;
Best Local Similarity 91.7%; Pred. No. 3.9e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1032 TGAAGGAACTAC 1043
Db 13 TGAAGGAACTAC 2

RESULT 671
US-08-535-249-69
Sequence 69, Application US/08535249
Patent No. 6455689
GENERAL INFORMATION:
APPLICANT: Schlingensiepen, Georg-Ferdinand
APPLICANT: Brysch, Wolfgang
APPLICANT: Schlingensiepen, Karl-Hermann
APPLICANT: Schlingensiepen, Reimar
APPLICANT: Bogdahn, Ulrich
TITLE OF INVENTION: Antisense-oligonucleotides for the treatment of
TITLE OF INVENTION: immuno-suppressive effect of transforming-growth factor beta
NUMBER OF SEQUENCES: 137
CORRESPONDENCE ADDRESS:
ADDRESSEE: Jacobson, Price, Holman & Stern
STREET: 400 Seventh St. N.W.
CITY: Washington D.C.

COUNTRY: U.S.A.
ZIP: 20004
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/535,249
FILING DATE:
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP 93 107 089.0
FILING DATE: 30-APR-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP 93 107 849.7
FILING DATE: 13-MAY-1993
ATTORNEY/AGENT INFORMATION:
NAME: Player, William B.
REGISTRATION NUMBER: 31,409
REFERENCE/DOCKET NUMBER: 10577/P58418
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 638-6666
TELEFAX: (202) 393-5350
TELEX: RCA 248593 IDEA UR
INFORMATION FOR SEQ ID NO: 69:
SEQUENCE CHARACTERISTICS:
LENGTH: 14 base pairs
TYPE: nucleic acid
STRANDEDNESS: unknown
TOPOLOGY: unknown
MOLECULE TYPE: DNA (genomic)
ANTI-SENSE: YES
US-08-535-249-69

Query Match 0.5%; Score 10.4; DB 1; Length 14;
Best Local Similarity 91.7%; Pred. No. 3.9e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 296 TGCTCCTGGAGC 307
Db 1 TTCTCCTGGAGC 12

RESULT 672
US-09-866-108A-8357
Sequence 8357, Application US/09866108A
Patent No. 6686188
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aecomica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 8358
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-8358

PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aecomica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 8357
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-8357

Query Match 0.5%; Score 10.4; DB 1; Length 17;
Best Local Similarity 91.7%; Pred. No. 6.3e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1419 GGAGCTGCAGAA 1430
Db 6 GGAGCTGCAGAA 17

RESULT 673
US-09-866-108A-8358
Sequence 8358, Application US/09866108A
Patent No. 6686188
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aecomica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 8358
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-8358

Query Match 0.5%; Score 10.4; DB 1; Length 17;

Best Local Similarity 91.7%; Pred. No. 6.3e+02; Mismatches 1; Indels 0; Gaps 0;
Matches 11; Conservative 0;

QY 1419 GGAGCTGCAGAA 1430
|||||
Db 5 GGAGCTGCAGAA 16

RESULT 674
US-08-485-942A-45
; Sequence 45, Application US/08485942A
; Patent No. 6048837
; GENERAL INFORMATION:
; APPLICANT: JEFFREY M. FRIEDMAN, YIYING ZHANG, RICARDO PROENCA,
; APPLICANT: MARGHERITA MAFFEI, JEFFREY HALAAS, KETAN GAJIWALA, AND STEPHEN K. BURL
; TITLE OF INVENTION: OB POLYPEPTIDE AS MODULATORS OF BODY WEIGHT (AS
; TITLE OF INVENTION: AMENDED)
; NUMBER OF SEQUENCES: 99
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Klauber & Jackson
; STREET: 411 Hackensack Avenue
; CITY: Hackensack
; STATE: New Jersey
; COUNTRY: USA
; ZIP: 07601
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/485,942A
; FILING DATE: JUNE 7, 1995
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/438,431
; FILING DATE: May 10, 1995
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/347,563
; FILING DATE: August 17, 1994
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Jackson Esq., David A.
; REGISTRATION NUMBER: 26,742
; REFERENCE/DOCKET NUMBER: 600-1-087 CIP 2F
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 201 487-5800
; TELEFAX: 201 343-1684
; TELEX: 133521
; INFORMATION FOR SEQ ID NO: 45:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (primer)
; DESCRIPTION: sequence tagged-site specific PCR primer sWS2359
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; ORGANISM: Human
US-08-485-942A-45

Query Match 0.5%; Score 10.4; DB 1; Length 18;
Best Local Similarity 91.7%; Pred. No. 7e+02; Mismatches 1; Indels 0; Gaps 0;
Matches 11; Conservative 0;

QY 789 GTGTGTCCTCG 800
|||||
Db 7 GTGTGTCCTCG 18

Db 7 GTGTGTCCTCG 18

RESULT 675
US-08-488-214A-45
; Sequence 45, Application US/08488214A
; Patent No. 6124439
; GENERAL INFORMATION:
; APPLICANT: JEFFREY M. FRIEDMAN, YIYING ZHANG, RICARDO PROENCA,
; APPLICANT: MARGHERITA MAFFEI, JEFFREY HALAAS, KETAN GAJIWALA, AND STEPHEN K. BURL
; TITLE OF INVENTION: OS POLYPEPTIDE ANTIBODIES AND METHOD OF MAKING
; TITLE OF INVENTION: (AS AMENDED)
; NUMBER OF SEQUENCES: 99
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Klauber & Jackson
; STREET: 411 Hackensack Avenue
; CITY: Hackensack
; STATE: New Jersey
; COUNTRY: USA
; ZIP: 07601
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/488,214A
; FILING DATE: JUNE 7, 1995
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/438,431
; FILING DATE: May 10, 1995
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/347,563
; FILING DATE: No. 6124439ember 30, 1994
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/292,345
; FILING DATE: August 17, 1994
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Jackson Esq., David A.
; REGISTRATION NUMBER: 26,742
; REFERENCE/DOCKET NUMBER: 600-1-087 CIP 2D
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 201 487-5800
; TELEFAX: 201 343-1684
; TELEX: 133521
; INFORMATION FOR SEQ ID NO: 45:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (primer)
; DESCRIPTION: sequence tagged-site specific PCR primer sWS2359
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; ORGANISM: Human
US-08-488-214A-45

Query Match 0.5%; Score 10.4; DB 1; Length 18;
Best Local Similarity 91.7%; Pred. No. 7e+02; Mismatches 1; Indels 0; Gaps 0;
Matches 11; Conservative 0;

QY 789 GTGTGTCCTCG 800
|||||
Db 7 GTGTGTCCTCG 18

RESULT 676
US-08-488-208A-45
; Sequence 45, Application US/08488208A
; Patent No. 6124448
; GENERAL INFORMATION:
; APPLICANT: THE ROCKEFELLER UNIVERSITY
; TITLE OF INVENTION: MODULATORS OF BODY WEIGHT, CORRESPONDING
; TITLE OF INVENTION: NUCLEIC ACIDS AND PROTEINS, AND DIAGNOSTIC AND THERAPEUTIC
; TITLE OF INVENTION: USES THEREOF
; NUMBER OF SEQUENCES: 98
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Klauber & Jackson
; STREET: 411 Hackensack Avenue
; CITY: Hackensack
; STATE: New Jersey
; COUNTRY: USA
; ZIP: 07601
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/488,208A
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/485,943
; FILING DATE: June 7, 1995
; APPLICATION NUMBER: 08/438,431
; FILING DATE: May 10, 1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/347,563
; FILING DATE: No. 6124448ember 30, 1994
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/292,345
; FILING DATE: August 17, 1994
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Jackson Esq., David A.
; REGISTRATION NUMBER: 26,742
; REFERENCE/DOCKET NUMBER: 600-1-087 CIP21
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 201 487-5800
; TELEFAX: 201 343-1684
; TELEX: 133521
; INFORMATION FOR SEQ ID NO: 45:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (primer)
; DESCRIPTION: sequence tagged-site specific PCR primer sWS2359
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; ORGANISM: Human
; US-08-488-208A-45

Query Match 0.5%; Score 10.4; DB 1; Length 18;
Best Local Similarity 91.7%; Pred. No. 7e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 789 GTGTGTCCTCG 800
||| |||||
Db 7 GTGTTCCTCG 18

RESULT 677
US-08-483-211A-45

; Sequence 45, Application US/08483211A
; Patent No. 6309853
; GENERAL INFORMATION:
; APPLICANT: THE ROCKEFELLER UNIVERSITY
; TITLE OF INVENTION: MODULATORS OF BODY WEIGHT, CORRESPONDING
; TITLE OF INVENTION: NUCLEIC ACIDS AND PROTEINS, AND DIAGNOSTIC AND THERAPEUTIC
; TITLE OF INVENTION: USES THEREOF
; NUMBER OF SEQUENCES: 98
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Klauber & Jackson
; STREET: 411 Hackensack Avenue
; CITY: Hackensack
; STATE: New Jersey
; COUNTRY: USA
; ZIP: 07601
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/483,211A
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/485,943
; FILING DATE: June 7, 1995
; APPLICATION NUMBER: 08/438,431
; FILING DATE: May 10, 1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/347,563
; FILING DATE: No. 6309853ember 30, 1994
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/292,345
; FILING DATE: August 17, 1994
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Jackson Esq., David A.
; REGISTRATION NUMBER: 26,742
; REFERENCE/DOCKET NUMBER: 600-1-087 CIP21
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 201 487-5800
; TELEFAX: 201 343-1684
; TELEX: 133521
; INFORMATION FOR SEQ ID NO: 45:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (primer)
; DESCRIPTION: sequence tagged-site specific PCR primer sWS2359
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; ORGANISM: Human
; US-08-483-211A-45

Query Match 0.5%; Score 10.4; DB 1; Length 18;
Best Local Similarity 91.7%; Pred. No. 7e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 789 GTGTGTCCTCG 800
||| |||||
Db 7 GTGTTCCTCG 18

RESULT 678
US-08-488-223A-45
; Sequence 45, Application US/08488223A
; Patent No. 6350730

GENERAL INFORMATION:
APPLICANT: THE ROCKEFELLER UNIVERSITY
TITLE OF INVENTION: MODULATORS OF BODY WEIGHT, CORRESPONDING NUCLEIC ACIDS AND PROTEINS, AND DIAGNOSTIC AND THERAPEUTIC USES THE
NUMBER OF SEQUENCES: 98
CORRESPONDENCE ADDRESS:
ADDRESSEE: Klauber & Jackson
STREET: 411 Hackensack Avenue
CITY: Hackensack
STATE: New Jersey
COUNTRY: USA
ZIP: 07601
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/488,223A
FILING DATE: 07-Jun-1995
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/485,943
FILING DATE: <Unknown>
APPLICATION NUMBER: 08/347,563
FILING DATE: No. 6350730ember 30, 1994
APPLICATION NUMBER: 08/292,345
FILING DATE: August 17, 1994
ATTORNEY/AGENT INFORMATION:
NAME: Jackson Esq., David A.
REGISTRATION NUMBER: 26,742
REFERENCE/DOCKET NUMBER: 600-1-087 CIP21
TELECOMMUNICATION INFORMATION:
TELEPHONE: 201 487-5800
TELEFAX: 201 343-1684
TELEX: 133521
INFORMATION FOR SEQ ID NO: 45:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (primer)
DESCRIPTION: sequence tagged-site specific PCR primer sWSS2359
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
ORGANISM: Human
SEQUENCE DESCRIPTION: SEQ ID NO: 45:
US-08-488-223A-45
Query Match 0.5%; Score 10.4; DB 1; Length 18;
Best Local Similarity 91.7%; Pred. No. 7e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 789 GTGTCTCTCTG 800
Db 7 GTGTCTCTCTG 18
RESULT 679
US-08-438-431A-45
Sequence 45, Application US/08438431A
Patent No. 6429290
GENERAL INFORMATION:
APPLICANT: JEFFREY M. FRIEDMAN, YIYING ZHANG, RICARDO PROENCA, MARGHERITA MAFFEI,
TITLE OF INVENTION: MODULATORS OF BODY WEIGHT, CORRESPONDING NUCLEIC ACIDS AND PR
NUMBER OF SEQUENCES: 99
CORRESPONDENCE ADDRESS:
ADDRESSEE: Klauber & Jackson
STREET: 411 Hackensack Avenue
CITY: Hackensack
STATE: New Jersey

COUNTRY: USA
ZIP: 07601
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/438,431A
FILING DATE: May 10, 1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/347,563
FILING DATE: No. 6429290ember 30, 1994
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/292,345
FILING DATE: August 17, 1994
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Jackson Esq., David A.
REGISTRATION NUMBER: 26,742
REFERENCE/DOCKET NUMBER: 600-1-087 CIP1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 201 487-5800
TELEFAX: 201 343-1684
TELEX: 133521
INFORMATION FOR SEQ ID NO: 45:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (primer)
DESCRIPTION: sequence tagged-site specific PCR primer sWSS2359
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
ORGANISM: Human
SEQUENCE DESCRIPTION: SEQ ID NO: 45:
US-08-438-431A-45
Query Match 0.5%; Score 10.4; DB 1; Length 18;
Best Local Similarity 91.7%; Pred. No. 7e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 789 GTGTCTCTCTG 800
Db 7 GTGTCTCTCTG 18
RESULT 680
US-08-488-225A-45
Sequence 45, Application US/08488225A
Patent No. 6471956
GENERAL INFORMATION:
APPLICANT: THE ROCKEFELLER UNIVERSITY
TITLE OF INVENTION: MODULATORS OF BODY WEIGHT, CORRESPONDING
TITLE OF INVENTION: NUCLEIC ACIDS AND PROTEINS, AND DIAGNOSTIC AND THERAPEUTIC USE
NUMBER OF SEQUENCES: 98
CORRESPONDENCE ADDRESS:
ADDRESSEE: Klauber & Jackson
STREET: 411 Hackensack Avenue
CITY: Hackensack
STATE: New Jersey
COUNTRY: USA
ZIP: 07601
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/488,225A

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; FILING DATE: June 7, 1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/483,211
; FILING DATE: June 7, 1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/438,431
; FILING DATE: May 10, 1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/347,563
; FILING DATE: No. 6471956member 30, 1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/292,345
; FILING DATE: August 17, 1994
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Jackson Esq., David A.
; REGISTRATION NUMBER: 26,742
; REFERENCE/DOCKET NUMBER: 600-1-087 CIP2J
; TELEPHONE: 201 487-5800
; TELEFAX: 201 343-1684
; TELEX: 133521
; INFORMATION FOR SEQ ID NO: 45:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (primer)
; DESCRIPTION: sequence tagged-site specific PCR primer
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; ORGANISM: Human
US-08-488-225A-45

Query Match 0.5%; Score 10.4; DB 1; Length 18;
Best Local Similarity 91.7%; Pred. No. 7e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 789 GTGTGTCCTCG 800
DB 7 GTGTGTCCTCG 18

RESULT 681
US-09-513-729B-54
; Sequence 54, Application US/09513729B
; Patent No. 6165791
; GENERAL INFORMATION:
; APPLICANT: Ian Popoff
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF E2F TRANSCRIPTION FACTOR 3 EXPRESSION
; FILE REFERENCE:
; CURRENT APPLICATION NUMBER: US/09/513,729B
; CURRENT FILING DATE: 2000-02-24
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 54
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-513-729B-54

Query Match 0.5%; Score 10.4; DB 1; Length 20;
Best Local Similarity 70.0%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

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QY 1078 CCCACTCCAGGCTTCACCCC 1097
DB 1 CTCGCTCCAGCTCCGCCCTC 20

RESULT 682
US-08-397-220B-7/c
; Sequence 7, Application US/08397220B
; Patent No. 6284458
; GENERAL INFORMATION:
; APPLICANT: Anderson et al.
; TITLE OF INVENTION: Compositions And Methods For Treatment Of Hepatitis C Virus-Associated Diseases
; NUMBER OF SEQUENCES: 98
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Jane Massey Licata, Esq.
; STREET: 210 Lake Drive East, Suite 201
; CITY: Cherry Hill
; STATE: NJ
; COUNTRY: USA
; ZIP: 08002
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM 486
; OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/397,220B
; FILING DATE: 09-Mar-1995
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/JP93/01293
; FILING DATE: 10-Sep-93
; APPLICATION NUMBER: JP 5-87195
; FILING DATE: 14-Apr-93
; APPLICATION NUMBER: 07/945,289
; FILING DATE: 10-Sep-92
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0031
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (609) 779-2400
; TELEFAX: (609) 779-8488
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21
; TYPE: nucleic acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; SEQUENCE DESCRIPTION: SEQ ID NO: 7:
US-08-397-220B-7

Query Match 0.5%; Score 10.4; DB 1; Length 21;
Best Local Similarity 70.0%; Pred. No. 8.7e+02;
Matches 14; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

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QY 214 CCTGAGCCCAATGGGGGAG 233
DB 20 CCAGCCCCCTGATGGGGGCG 1

RESULT 683
US-09-417-822-24
; Sequence 24, Application US/09417822
; Patent No. 6344549
; GENERAL INFORMATION:
; APPLICANT: Keegan, Kathy
; TITLE OF INVENTION: ATR-2
; FILE REFERENCE: 27866/35633
; CURRENT APPLICATION NUMBER: US/09/417,822

```

CURRENT FILING DATE: 1999-10-14
NUMBER OF SEQ ID NOS: 43
SOFTWARE: Patent In Ver. 2.0
SEQ ID NO 24
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: primer SLOrev
US-09-417-822-24
Query Match 0.5%; Score 10.4; DB 1; Length 21;
Best Local Similarity 70.0%; Pred. No. 8.7e+02;
Matches 14; Conservative 0; Mismatches 6; Indels 0; Gaps 0;
QY 1658 CTGCGAGATCGCTTCCAAAC 1677
DB 2 CTGCGAGCTGTCTTACAAC 21
RESULT 684
US-08-650-093C-7/C
Sequence 7, Application US/08650093C
Patent No. 6391542
GENERAL INFORMATION:
APPLICANT: Kevin P. Anderson et al.
TITLE OF INVENTION: Compositions And Methods For Treatment Of
Hepatitis C Virus-Associated Diseases
NUMBER OF SEQUENCES: 118
CORRESPONDENCE ADDRESS:
ADDRESSEE: LICATA & TYRRELL P.C.
STREET: 66 E. Main Street
CITY: Marlton
STATE: NJ
COUNTRY: USA
ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows 95
SOFTWARE: WORDPERFECT 6.1 for Windows
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/650,093C
FILING DATE: 17-May-1996
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/452,841
FILING DATE: May 30, 1995
APPLICATION NUMBER: 08/397,220
FILING DATE: March 9, 1995
APPLICATION NUMBER: 07/945,289
FILING DATE: September 10, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-
TELECOMMUNICATION INFORMATION:
TELEPHONE: (609) 779-2400
TELEFAX: (609) 779-8488
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 21
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
SEQUENCE DESCRIPTION: SEQ ID NO: 7:
US-08-650-093C-7
Query Match 0.5%; Score 10.4; DB 1; Length 21;
Best Local Similarity 70.0%; Pred. No. 8.7e+02;
Matches 14; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 214 CCTGAGCCCAATGGGGGAG 233
DB 20 CCAGCCCCCTGATGGGGGCG 1
RESULT 685
US-08-823-895A-7/C
Sequence 7, Application US/08823895A
Patent No. 6433159
GENERAL INFORMATION:
APPLICANT: Kevin P. Anderson
TITLE OF INVENTION: Compositions And Methods For
Treatment Of Hepatitis C Virus-Associated Diseases
NUMBER OF SEQUENCES: 27
CORRESPONDENCE ADDRESS:
ADDRESSEE: Jane Massey Licata, Esq.
STREET: 66 E. Main Street
CITY: Marlton
STATE: NJ
COUNTRY: USA
ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM 486
OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/823,895A
FILING DATE: March 17, 1997
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/453,085
FILING DATE: May 30, 1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/945,289
FILING DATE: September 10, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0203
TELECOMMUNICATION INFORMATION:
TELEPHONE: (609) 779-2400
TELEFAX: (609) 810-1454
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 21
TYPE: Nucleic
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-08-823-895A-7
Query Match 0.5%; Score 10.4; DB 1; Length 21;
Best Local Similarity 70.0%; Pred. No. 8.7e+02;
Matches 14; Conservative 0; Mismatches 6; Indels 0; Gaps 0;
QY 214 CCTGAGCCCAATGGGGGAG 233
DB 20 CCAGCCCCCTGATGGGGGCG 1
RESULT 686
US-08-182-968A-14
Sequence 14, Application US/08182968A
Patent No. 5610054
GENERAL INFORMATION:
APPLICANT: Draper, Kenneth G.
TITLE OF INVENTION: METHOD AND REAGENT FOR
INHIBITING HEPATITIS C
TITLE OF INVENTION: VIRUS REPLICATION
NUMBER OF SEQUENCES: 497
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon

```

; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: 07/882,888
; FILING DATE: 14-MAY-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 205/277
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 14:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-182-968A-14

Query Match 0.5%; Score 10.2; DB 1; Length 15;
Best Local Similarity 60.0%; Pred. No. 5.2e+02;
Matches 9; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 1840 GCCTGAGTGGTGCT 1854
DB 1 GCCUGAUGGUGCU 15

RESULT 687
US-08-774-306A-14
; Sequence 14, Application US/08774306A
; Patent No. 5869253
; GENERAL INFORMATION:
; APPLICANT: Draper, Kenneth G.
; TITLE OF INVENTION: METHOD AND REAGENT FOR
; TITLE OF INVENTION: INHIBITING HEPATITIS C
; TITLE OF INVENTION: VIRUS REPLICATION
; NUMBER OF SEQUENCES: 497
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: 08/774,306
; FILING DATE: December 26, 1996
; APPLICATION NUMBER: 08/182,968
; FILING DATE: January 13, 1994
; APPLICATION NUMBER: 07/882,888
; FILING DATE: May 14, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 234/083
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 14:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-774-306A-14

Query Match 0.5%; Score 10.2; DB 1; Length 15;
Best Local Similarity 60.0%; Pred. No. 5.2e+02;
Matches 9; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 1840 GCCTGAGTGGTGCT 1854
DB 1 GCCUGAUGGUGCU 15

RESULT 688
US-08-064-156A-14
; Sequence 14, Application US/09064156A
; Patent No. 6132966
; GENERAL INFORMATION:
; APPLICANT: Draper, Kenneth G.
; TITLE OF INVENTION: METHOD AND REAGENT FOR
; TITLE OF INVENTION: INHIBITING HEPATITIS C
; TITLE OF INVENTION: VIRUS REPLICATION
; NUMBER OF SEQUENCES: 498
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/064,156A
; FILING DATE: April 21, 1998
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/774,306
; FILING DATE: December 26, 1996
; APPLICATION NUMBER: 08/182,968
; FILING DATE: January 13, 1994
; APPLICATION NUMBER: 07/882,888
; FILING DATE: May 14, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 234/083
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 14:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-774-306A-14
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; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-064-156A-14

Query Match      0.5%; Score 10.2; DB 1; Length 15;
Best Local Similarity 60.0%; Pred. No. 5.2e+02;
Matches 9; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 1840 GCGTGGTGGTGGT 1854
   |||||
Db 1 GCCUGAUGGGGUCU 15

RESULT 689
US-08-182-968A-278/c
; Sequence 278, Application US/08182968A
; Patent No. 5610054
; GENERAL INFORMATION:
; APPLICANT: Draper, Kenneth G.
; TITLE OF INVENTION: METHOD AND REAGENT FOR
; TITLE OF INVENTION: INHIBITING HEPATITIS C
; TITLE OF INVENTION: VIRUS REPLICATION
; NUMBER OF SEQUENCES: 497
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/182,968A
; FILING DATE: 13-JANUARY-1994
; PRIORITY APPLICATION DATA:
; APPLICATION NUMBER: 07/882,888
; FILING DATE: 14-MAY-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 205/277
; REFERENCE/DOCKET NUMBER: 205/277
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-182-968A-278

Query Match      0.5%; Score 10.2; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 5.2e+02;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 36 GGAGCCTCAGTCCAG 50
   |||||
Db 15 GGAGCCTGAGCCCTG 1

RESULT 691
US-09-064-156A-278/c
; Sequence 278, Application US/09064156A
; Patent No. 6132966
; GENERAL INFORMATION:
; APPLICANT: Draper, Kenneth G.
; TITLE OF INVENTION: METHOD AND REAGENT FOR
; TITLE OF INVENTION: INHIBITING HEPATITIS C
; TITLE OF INVENTION: VIRUS REPLICATION
; NUMBER OF SEQUENCES: 498
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/774,306A
; FILING DATE: 08/182,968
; PRIORITY APPLICATION DATA:
; APPLICATION NUMBER: 07/882,888
; FILING DATE: 14-MAY-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 223/227
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 483-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-774-306A-278

Query Match      0.5%; Score 10.2; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 5.2e+02;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 36 GGAGCCTCAGTCCAG 50
   |||||
Db 15 GGAGCCTGAGCCCTG 1

RESULT 690
US-08-774-306A-278/c
; Sequence 278, Application US/08774306A
; Patent No. 5669253
; GENERAL INFORMATION:
```

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COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/064,156A
FILING DATE: April 21, 1998
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/774,306
FILING DATE: December 26, 1996
APPLICATION NUMBER: 08/182,968
FILING DATE: January 13, 1994
APPLICATION NUMBER: 07/882,888
FILING DATE: May 14, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 234/083
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 278:
SEQUENCE CHARACTERISTICS:
LENGTH: 15
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-064-156A-278

Query Match 0.5%; Score 10.2; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 5.2e+02;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 36 GGAGCCTCAGTCCAG 50
Db 15 GGAGCCTGAGCCCTG 1

RESULT 692
US-08-282-197C-20
Sequence 20, Application US/08282197C
Patent No. 5871710
GENERAL INFORMATION:
APPLICANT: Brzezinski, Ryszard
APPLICANT: Dery, Claude V
APPLICANT: Beaulieu, Carole
TITLE OF INVENTION: Thermostable Xylanase DNA, Protein and
TITLE OF INVENTION: Methods of Use
NUMBER OF SEQUENCES: 67
CORRESPONDENCE ADDRESS:
ADDRESSEE: Sterne, Kessler, Goldstein & Fox P.L.L.C.
STREET: 1100 New York Ave., NW
CITY: Washington
STATE: DC
COUNTRY: USA
ZIP: 20005
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/282,197C
FILING DATE: 29-JUL-1994
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Cimbala, Michele A
REGISTRATION NUMBER: 33,851
REFERENCE/DOCKET NUMBER: 1050.0410000
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-371-2600
TELEFAX: 202-371-2540
INFORMATION FOR SEQ ID NO: 20:

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```

; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 678
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-474-432B-678

Query Match
Best Local Similarity 0.5%; Score 10.2; DB 1; Length 17;
Matches 10; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 604 TGCACAGTGGACCGG 618
Db 3 UGGGACGUGACUGG 17

RESULT 695
US-09-476-387-677
; Sequence 677, Application US/09476387
; Patent No. 6617438
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka Matulic
; APPLICANT: Sweedler, Dave
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleotides
; FILE REFERENCE: MEHB00-831-C (243/073)
; CURRENT APPLICATION NUMBER: US/09/476,387
; CURRENT FILING DATE: 2001-04-04
; PRIOR APPLICATION NUMBER: 09/474,432
; PRIOR FILING DATE: 1999-12-29
; PRIOR APPLICATION NUMBER: 09/301,511
; PRIOR FILING DATE: 1999-04-28
; PRIOR APPLICATION NUMBER: 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: 60/083,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/064,866
; PRIOR FILING DATE: 1997-11-05
; NUMBER OF SEQ ID NOS: 1524
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 677
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-476-387-677

Query Match
Best Local Similarity 0.5%; Score 10.2; DB 1; Length 17;
Matches 10; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 604 TGCACAGTGGACCGG 618
Db 3 UGGGACGUGACUGG 17

RESULT 696
US-09-866-108A-2782
; Sequence 2782, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
```

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; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/006666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 2782
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-2782

Query Match
Best Local Similarity 0.5%; Score 10.2; DB 1; Length 17;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1136 CCTCCAGCTCCACCT 1150
Db 3 CTTCAAGCACCACT 17

RESULT 697
US-09-371-772B-5457/c
; Sequence 5457, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions R
; FILE REFERENCE: MEHB00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 5457
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-5457

Query Match
Best Local Similarity 0.5%; Score 10.2; DB 1; Length 17;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1683 TTTTTCGTGGAAGG 1697
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```
Db      17 TTTTCTTGTGAAG 3
      ||||| ||||| |||||
      TYPE: DNA
      ORGANISM: Chlamydia pneumoniae
      US-09-198-452A-5845

Query Match
Best Local Similarity 0.5%; Score 10.2; DB 1; Length 10;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1775 GCTGCTGCGCGCG 1789
      ||||| ||||| |||||
      Db      1 GCTGCTGCGACTCCG 15

RESULT 700
US-08-031-147A-37/c
Sequence 37, Application US/08031147A
Patent No. 5514577
GENERAL INFORMATION:
APPLICANT: Draper et al.
TITLE OF INVENTION: Oligonucleotide Therapies for
TITLE OF INVENTION: Modulating the Effects of Herpesviruses
NUMBER OF SEQUENCES: 57
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz
ADDRESSEE: Mackiewicz & No. 5514577ris
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STATE: PA
COUNTRY: USA
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/031,147A
FILING DATE: March 12, 1993
CLASSIFICATION: 514
PRIOR APPLICATION NUMBER: 485,297
FILING DATE: February 26, 1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 852,132
FILING DATE: April 28, 1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 954,185
FILING DATE: September 29, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISIS-0469
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 37:
SEQUENCE CHARACTERISTICS:
LENGTH: 10
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
ANTI-SENSE: yes
US-08-031-147A-37

Query Match
Best Local Similarity 100.0%; Score 10; DB 1; Length 10;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1257 CCCCCAACCCC 1266
      ||||| ||||| |||||
      Db      10 CCCCCAACCCC 1

PCT-US93-12600-5/c
Sequence 5, Application PC/TUS9312600
GENERAL INFORMATION:
APPLICANT: Denner, Larry A.
APPLICANT: Rege, Ajay A.
APPLICANT: Dixon, Richard A.P.
TITLE OF INVENTION: ANTISENSE MOLECULES DIRECTED AGAINST A
TITLE OF INVENTION: FIBROBLAST GROWTH FACTOR RECEPTOR GENE FAMILY
NUMBER OF SEQUENCES: 29
CORRESPONDENCE ADDRESS:
ADDRESSEE: Dressler, Shore &
ADDRESSEE: Milnamow, Ltd.
STREET: 180 North Stetson, Suite 4700
CITY: Chicago
STATE: Illinois
COUNTRY: USA
ZIP: 60601
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US93/12600
FILING DATE: 28-DEC-1993
CLASSIFICATION:
PRIOR APPLICATION NUMBER: US 07/999,706
FILING DATE: December 31, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Katz, Martin L.
REGISTRATION NUMBER: 25,011
TELECOMMUNICATION INFORMATION:
TELEPHONE: (312)616-5400
TELEFAX: (312)616-5460
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
PCT-US93-12600-5

Query Match
Best Local Similarity 0.5%; Score 10.2; DB 1; Length 18;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1022 AGGGGGAGCTTGAAG 1036
      ||||| ||||| |||||
      Db      18 ATGTGGAGCTGAAG 4

RESULT 699
US-09-198-452A-5845
Sequence 5845, Application US/09198452A
Patent No. 6559294
GENERAL INFORMATION:
APPLICANT: Grifffais, R.
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
TITLE OF INVENTION: and treatment of infection
FILE REFERENCE: 9710-003-999
CURRENT APPLICATION NUMBER: US/09/198,452A
CURRENT FILING DATE: 1998-11-24
NUMBER OF SEQ ID NOS: 6849
SEQ ID NO 5845
LENGTH: 20
```

RESULT 701

US-08-171-718-50/c
; Sequence 50, Application US/08171718
; Patent No. 5707863
; GENERAL INFORMATION:
; APPLICANT: Trofater, James A.
; APPLICANT: MacCollin, Mia M.
; APPLICANT: Gubella, James F.
; TITLE OF INVENTION: Tumor Suppressor Gene Merlin and Uses
; TITLE OF INVENTION: Thereof
; NUMBER OF SEQUENCES: 120
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Sterne, Kessler, Goldstein & Fox
; STREET: 1100 New York Avenue, N.W., Suite 600
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20005-3934
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/171,718
; FILING DATE: 22-DEC-1993
; CLASSIFICATION: 436
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/108,808
; FILING DATE: 19-AUG-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/022,034
; FILING DATE: 25-FEB-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/026,063
; FILING DATE: 04-MAR-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Brown, Anne
; REGISTRATION NUMBER: 36,463
; REFERENCE/DOCKET NUMBER: 0609,3850003
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 371-2600
; TELEFAX: (202) 371-2540
; INFORMATION FOR SEQ ID NO: 50:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 10 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-171-718-50

Query Match 0.5%; Score 10; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 1.8e+02;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY

807 CTCTAAGAAA 816

Db 10 CTCTAAGAAA 1

RESULT 702

US-08-403-888A-26/c
; Sequence 26, Application US/08403888A
; Patent No. 5952490
; GENERAL INFORMATION:
; APPLICANT: Hanecak et al.
; TITLE OF INVENTION: Oligonucleotides Having A Conserved G4 Core
; TITLE OF INVENTION: Sequence
; NUMBER OF SEQUENCES: 146
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5952490ris LLP
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia

STATE: PA
COUNTRY: U.S.A.
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WordPerfect 6.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/403,888A
FILING DATE: 12-JUN-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/954,185
FILING DATE: 29-SEP-1992
ATTORNEY/AGENT INFORMATION:
NAME: Paul K. Legaard
REGISTRATION NUMBER: 38,534
REFERENCE/DOCKET NUMBER: ISIS-1229
TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-568-3100
TELEFAX: 215-568-3439
INFORMATION FOR SEQ ID NO: 26:
SEQUENCE CHARACTERISTICS:
LENGTH: 10
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-403-888A-26

Query Match 0.5%; Score 10; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 1.8e+02;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY

1257 CCCCAACCCC 1266

Db 10 CCCCAACCCC 1

RESULT 703

US-08-403-888A-46/c
; Sequence 46, Application US/08403888A
; Patent No. 5952490
; GENERAL INFORMATION:
; APPLICANT: Hanecak et al.
; TITLE OF INVENTION: Oligonucleotides Having A Conserved G4 Core
; TITLE OF INVENTION: Sequence
; NUMBER OF SEQUENCES: 146
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5952490ris LLP
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: U.S.A.
; ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WordPerfect 6.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/403,888A
FILING DATE: 12-JUN-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/954,185
FILING DATE: 29-SEP-1992
ATTORNEY/AGENT INFORMATION:
NAME: Paul K. Legaard
REGISTRATION NUMBER: 38,534
REFERENCE/DOCKET NUMBER: ISIS-1229
TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-568-3100

Query Match 0.5%; Score 10; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 1.8e+02;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY

807 CTCTAAGAAA 816

Db 10 CTCTAAGAAA 1

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/ TELEFAX: 215-568-3439
/ INFORMATION FOR SEQ ID NO: 46:
/ SEQUENCE CHARACTERISTICS:
/   LENGTH: 10
/   TYPE: nucleic acid
/   STRANDEDNESS: single
/   TOPOLOGY: linear
/ US-08-403-888A-46

Query Match      0.5%; Score 10; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 1.8e+02;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1257 CCCCAACCCC 1266
Db 10 CCCCAACCCC 1

RESULT 704
US-08-403-888A-119/c
/ Sequence 119, Application US/08403888A
/ Patent No. 5952490
/ GENERAL INFORMATION:
/ APPLICANT: Hanecek et al.
/ TITLE OF INVENTION: Oligonucleotides Having A Conserved G4 Core
/ TITLE OF INVENTION: Sequence
/ NUMBER OF SEQUENCES: 146
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5952490ris LLP
/ STREET: One Liberty Place - 46th Floor
/ CITY: Philadelphia
/ STATE: PA
/ COUNTRY: U.S.A.
/ ZIP: 19103
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: Wordperfect 6.1
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/403,888A
/ FILING DATE: 12-JUN-1995
/ CLASSIFICATION: 435
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 07/954,185
/ FILING DATE: 29-SEP-1992
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Paul K. Legaard
/ REGISTRATION NUMBER: 38,534
/ REFERENCE/DOCKET NUMBER: ISIS-1229
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 215-568-3100
/ TELEFAX: 215-568-3439
/ INFORMATION FOR SEQ ID NO: 119:
/ SEQUENCE CHARACTERISTICS:
/   LENGTH: 10
/   TYPE: nucleic acid
/   STRANDEDNESS: single
/   TOPOLOGY: linear
/ US-08-403-888A-119

Query Match      0.5%; Score 10; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 1.8e+02;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1257 CCCCAACCCC 1266
Db 10 CCCCAACCCC 1

RESULT 705
US-08-388-353-389/c
/ Sequence 389, Application US/08388353
```

```
/ Patent No. 6010895
/ GENERAL INFORMATION:
/ APPLICANT: Deacon, Nicholas J.
/ APPLICANT: Learmont, Jennifer C.
/ APPLICANT: McPhee, Dale A.
/ APPLICANT: Crowe, Suzanne
/ APPLICANT: Cooper, David
/ TITLE OF INVENTION: NON-PATHOGENIC STRAINS OF HIV-1
/ NUMBER OF SEQUENCES: 800
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Scully, Scott, Murphy & Presser
/ STREET: 400 Garden City Plaza
/ CITY: Garden City
/ STATE: New York
/ COUNTRY: United States
/ ZIP: 11530
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: PatentIn Release #1.0, Version #1.25
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/388,353
/ FILING DATE: 14-FEB-1995
/ CLASSIFICATION: 424
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Digiglio, Frank S.
/ REGISTRATION NUMBER: 31,346
/ REFERENCE/DOCKET NUMBER: 9606
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (516) 742-4343
/ TELEFAX: (516) 742-4366
/ TELEX: 230 901 SANS UR
/ INFORMATION FOR SEQ ID NO: 389:
/ SEQUENCE CHARACTERISTICS:
/   LENGTH: 10 base pairs
/   TYPE: nucleic acid
/   STRANDEDNESS: single
/   TOPOLOGY: linear
/   MOLECULE TYPE: DNA (genomic)
/ US-08-388-353-389

Query Match      0.5%; Score 10; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 1.8e+02;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1051 CCCCTGGCCC 1060
Db 10 CCCCTGGCCC 1

RESULT 706
US-08-488-551B-389/c
/ Sequence 389, Application US/08488551B
/ Patent No. 6015661
/ GENERAL INFORMATION:
/ APPLICANT: Nicholas J. Deacon
/ APPLICANT: Dale A. McPhee
/ APPLICANT: David Cooper
/ TITLE OF INVENTION: NON-PATHOGENIC STRAINS OF HIV-1
/ NUMBER OF SEQUENCES: 841
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: SCULLY, SCOTT, MURPHY & PRESSER
/ STREET: 400 GARDEN CITY PLAZA
/ CITY: GARDEN CITY
/ STATE: NEW YORK
/ COUNTRY: U.S.A.
/ ZIP: 11530-0299
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: PatentIn Release #1.0, Version #1.25
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/
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/488,551B
/ FILING DATE: 07-JUN-1995
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: PM3864 (AU)
/ FILING DATE: 14-FEB-1994
/ APPLICATION NUMBER: PM4002 (AU)
/ FILING DATE: 21-FEB-1994
/ APPLICATION NUMBER: PM0284 (AU)
/ FILING DATE: 23-DEC-1994
/ APPLICATION NUMBER: US 08/388,353
/ FILING DATE: 14-FEB-1995
/ APPLICATION NUMBER: PM0201/95
/ FILING DATE: 17-MAY-1995
/ ATTORNEY/AGENT INFORMATION:
/ NAME: FRANK S. DIGIGLIO
/ REFERENCE/DOCKET NUMBER: 9606Z
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (516) 742-4343
/ TELEFAX: (516) 742-4366
/ INFORMATION FOR SEQ ID NO: 389:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 10 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA
/ US-08-488-551B-389

Query Match 0.5%; Score 10; DB 1; Length 10;
Best Local Similarity 100.0%; Pred.No. 1.8e+02;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1051 CCCCTGGCCC 1060
Db 10 CCCCTGGCCC 1

RESULT 707
US-09-069-434-16/c
; Sequence 16, Application US/09069434
; Patent No. 6017709
; GENERAL INFORMATION:
; APPLICANT: HARDIN, Susan H.
; APPLICANT: JONES, Leslie Borgan
; TITLE OF INVENTION: DNA Replication Templates Stabilized by
; TITLE OF INVENTION: Guanine Quartets
; NUMBER OF SEQUENCES: 23
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fulbright & Jaworski L.L.P.
; STREET: 1301 McKinney, Suite 5100
; CITY: Houston
; STATE: Texas
; COUNTRY: U.S.A.
; ZIP: 77010-3095
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/069,434
; FILING DATE:
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: DAVIDSON, Ross E.
; REGISTRATION NUMBER: P-41,698
; REFERENCE/DOCKET NUMBER: P-01480US0
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 713/651-5144
; TELEFAX: 713/651-5246
; INFORMATION FOR SEQ ID NO: 16:

/
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 10 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: other nucleic acid
/ DESCRIPTION: /desc = "Oligonucleotide"
/ HYPOTHETICAL: NO
/ ANTI-SENSE: NO
/ US-09-069-434-16

Query Match 0.5%; Score 10; DB 1; Length 10;
Best Local Similarity 100.0%; Pred.No. 1.8e+02;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1257 CCCCAACCCC 1266
Db 10 CCCCAACCCC 1

RESULT 708
US-08-478-087-50/c
; Sequence 50, Application US/08478087
; Patent No. 6077685
; GENERAL INFORMATION:
; APPLICANT: Trofatter, James A.
; APPLICANT: MacCollin, Mia M.
; APPLICANT: Gusella, James F.
; TITLE OF INVENTION: Tumor Suppressor Gene Merlin and Uses
; TITLE OF INVENTION: Thereof
; NUMBER OF SEQUENCES: 120
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Sterne, Kessler, Goldstein & Fox
; STREET: 1100 New York Avenue, N.W., Suite 600
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20005-3934
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/478,087
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 530
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/171,718
; FILING DATE: 22-DEC-1993
; APPLICATION NUMBER: US 08/108,808
; FILING DATE: 19-AUG-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/022,034
; FILING DATE: 25-FEB-1993
; APPLICATION NUMBER: US 08/026,063
; FILING DATE: 04-MAR-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Brown, Anne
; REGISTRATION NUMBER: 36,463
; REFERENCE/DOCKET NUMBER: 0609.3850003
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 371-2600
; TELEFAX: (202) 371-2540
; INFORMATION FOR SEQ ID NO: 50:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 10 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-478-087-50
```

Query Match 0.5%; Score 10; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 1.8e+02;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 807 CTGTAAGAAA 816
DB 10 CTGTAAGAAA 1

RESULT 709

US-09-134-246-9/c
; Sequence 9, Application US/09134246B
; Patent No. 6207377
; GENERAL INFORMATION:
; APPLICANT: Wayne, Jay
; APPLICANT: Xu, Shuang-yong
; TITLE OF INVENTION: Method For Construction Of Thermus-E. coli Shuttle
; TITLE OF INVENTION: Vectors And Identification Of Two Thermus Plasmid
; TITLE OF INVENTION: Replication Origins
; FILE REFERENCE: Thermus Shuttle Vector
; CURRENT APPLICATION NUMBER: US/09/134,246B
; CURRENT FILING DATE: 1998-08-14
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 9
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Thermus sp.
US-09-134-246-9

Query Match 0.5%; Score 10; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 1.8e+02;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 811 AAGAAAAGCC 820
DB 10 AAGAAAAGCC 1

RESULT 710

US-08-192-946-31
; Sequence 31, Application US/08192946
; Patent No. 6258585
; GENERAL INFORMATION:
; APPLICANT: KENNETH G. DRAPER
; TITLE OF INVENTION: METHOD AND REAGENT FOR
; TITLE OF INVENTION: INHIBITING INFLUENZA VIRUS
; TITLE OF INVENTION: REPLICATION
; NUMBER OF SEQUENCES: 32
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 611 West Sixth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: USA
; ZIP: 90017
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb storage
; COMPUTER: IBM compatible
; OPERATING SYSTEM: IBM P.C. DOS (Version 5.0)
; SOFTWARE: WordPerfect (Version 5.1)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/192,946
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/07/882,713
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 197/294
; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 31:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 10
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-192-946-31

Query Match 0.5%; Score 10; DB 1; Length 10;
Best Local Similarity 40.0%; Pred. No. 1.8e+02;
Matches 4; Conservative 6; Mismatches 0; Indels 0; Gaps 0;

QY 902 TGGTCATTTT 911
DB 1 UGGUCAUUU 10

RESULT 711

US-09-052-753B-12
; Sequence 12, Application US/09052753B
; Patent No. 6472520
; GENERAL INFORMATION:
; APPLICANT: Paul B. Fisher
; TITLE OF INVENTION: Progression Elevated Gene-3 and Uses
; TITLE OF INVENTION: Thereof
; FILE REFERENCE: A34608-B
; CURRENT APPLICATION NUMBER: US/09/052,753B
; CURRENT FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: PCT/US98/05793
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 08/812,818
; PRIOR FILING DATE: 1997-03-21
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 12
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: synthetic oligonucleotide
US-09-052-753B-12

Query Match 0.5%; Score 10; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 1.8e+02;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1256 TCCCCAACCC 1265
DB 1 TCCCCAACCC 10

RESULT 712

US-10-042-111-33
; Sequence 33, Application US/10042111
; Patent No. 6551476
; GENERAL INFORMATION:
; APPLICANT: ZHEJIANG ACADEMY OF AGRICULTURAL SCIENCES
; APPLICANT: CHEN, Jinqing
; TITLE OF INVENTION: A METHOD FOR CONTROLLING RATIO OF PROTEINS/LIPIDS IN CROP SEEDS
; FILE REFERENCE: ref.
; CURRENT APPLICATION NUMBER: US/10/042,111
; CURRENT FILING DATE: 2002-05-08
; PRIOR APPLICATION NUMBER: CN 99124511.3
; PRIOR FILING DATE: 1999-11-09
; NUMBER OF SEQ ID NOS: 46
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 33
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Artificial Sequence

FEATURE:
NAME/KEY: misc feature
OTHER INFORMATION: primer
US-10-042-111-33

Query Match 0.5%; Score 10; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 1.8e+02;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 865 GGCACTGAGG 874
|||||
DB 1 GGCACTGAGG 10

RESULT 713

PCT-US94-02471-37/c
Sequence 37, Application PC/TUS9402471
GENERAL INFORMATION:
APPLICANT: Draper et al.
TITLE OF INVENTION: Oligonucleotide Therapies for
Modulating the Effects of Herpesviruses
NUMBER OF SEQUENCES: 57
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz
ADDRESS: Mackiewicz & Norris
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STATE: PA
COUNTRY: USA
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US94/02471
FILING DATE: Herewith
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 485,297
FILING DATE: February 26, 1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 852,132
FILING DATE: April 29, 1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 954,185
FILING DATE: September 29, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISIS-0469
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 37:
SEQUENCE CHARACTERISTICS:
LENGTH: 10
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
ANTI-SENSE: yes
PCT-US94-02471-37

Query Match 0.5%; Score 10; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 1.8e+02;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1257 CCCCAACCCC 1266
|||||
DB 10 CCCCAACCCC 1

RESULT 714

US-08-403-888A-25/c
Sequence 25, Application US/08403888A
Patent No. 5952490
GENERAL INFORMATION:
APPLICANT: Hanecak et al.
TITLE OF INVENTION: Oligonucleotides Having A Conserved G4 Core
TITLE OF INVENTION: Sequence
NUMBER OF SEQUENCES: 146
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5952490ris LLP
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STATE: PA
COUNTRY: U.S.A.
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WordPerfect 6.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/403,888A
FILING DATE: 12-JUN-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/954,185
FILING DATE: 29-SEP-1992
ATTORNEY/AGENT INFORMATION:
NAME: Paul K. Leggaard
REGISTRATION NUMBER: 38,534
REFERENCE/DOCKET NUMBER: ISIS-1229
TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-568-3100
TELEFAX: 215-568-3439
INFORMATION FOR SEQ ID NO: 25:
SEQUENCE CHARACTERISTICS:
LENGTH: 11
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-403-888A-25

Query Match 0.5%; Score 10; DB 1; Length 11;
Best Local Similarity 100.0%; Pred. No. 2.4e+02;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1257 CCCCAACCCC 1266
|||||
DB 11 CCCCAACCCC 2

RESULT 715

US-08-646-695-15
Sequence 15, Application US/08646695
Patent No. 6168943
GENERAL INFORMATION:
APPLICANT: Rose, John K.
TITLE OF INVENTION: RECOMBINANT VESICULOVIRUSES AND THEIR
TITLE OF INVENTION: USES
NUMBER OF SEQUENCES: 44
CORRESPONDENCE ADDRESS:
ADDRESSEE: PENNIE & EDMONDS
STREET: 1155 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: USA
ZIP: 10036-2711
COMPUTER READABLE FORM: disk
MEDIUM TYPE: Floppy
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30

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; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/646,695
; FILING DATE: On Even Date Herewith
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Misrock, S. Leslie
; REGISTRATION NUMBER: 18,872
; REFERENCE/DOCKET NUMBER: 6523-008
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 790-9090
; TELEFAX: (212) 869-9741/8864
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 15:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 11 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: unknown
; MOLECULE TYPE: RNA
; US-08-646-695-15

Query Match 0.5%; Score 10; DB 1; Length 11;
Best Local Similarity 100.0%; Pred. No. 2.4e+02;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 730 CAGGAGAAAC 739
Db 2 CAGGAGAAAC 11

RESULT 716
PCT-US96-06053-15
; Sequence 15, Application PC/TUS9606053
; GENERAL INFORMATION:
; APPLICANT: Yale University
; TITLE OF INVENTION: RECOMBINANT VESICULOVIRUSES AND THEIR
; TITLE OF INVENTION: USES
; NUMBER OF SEQUENCES: 41
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: PENNIE & EDMONDS
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: USA
; ZIP: 10036-2711
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US96/06053
; FILING DATE: 01-MAY-1996
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Misrock, S. Leslie
; REGISTRATION NUMBER: 18,872
; REFERENCE/DOCKET NUMBER: 6523-009-228
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 790-9090
; TELEFAX: (212) 869-9741/8864
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 15:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 11 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: unknown
; MOLECULE TYPE: RNA
; PCT-US96-06053-15

Query Match 0.5%; Score 10; DB 1; Length 11;
Best Local Similarity 100.0%; Pred. No. 2.4e+02;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 730 CAGGAGAAAC 739
Db 2 CAGGAGAAAC 11

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/646,695
FILING DATE: On Even Date Herewith
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Misrock, S. Leslie
REGISTRATION NUMBER: 18,872
REFERENCE/DOCKET NUMBER: 6523-008
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 790-9090
TELEFAX: (212) 869-9741/8864
TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 15:
SEQUENCE CHARACTERISTICS:
LENGTH: 11 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: unknown
MOLECULE TYPE: RNA
US-08-646-695-15

Query Match 0.5%; Score 10; DB 1; Length 11;
Best Local Similarity 100.0%; Pred. No. 2.4e+02;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 730 CAGGAGAAAC 739
Db 2 CAGGAGAAAC 11

RESULT 717
US-08-539-798-8
; Sequence 8, Application US/08539798
; Patent No. 5614400
; GENERAL INFORMATION:
; APPLICANT: CAHOON, Edgar B.
; APPLICANT: OHLMGEE, John B.
; TITLE OF INVENTION: Methods and Compositions Relating to
; TITLE OF INVENTION: Plant 6-Delta Palmitoyl-Acyl Carrier Protein Desaturase
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pioneer Hi-Bred International, Inc.
; STREET: 700 Capital Square, 400 Locust Street
; CITY: Des Moines
; STATE: Iowa
; COUNTRY: US
; ZIP: 50309
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/539,798
; FILING DATE:
; CLASSIFICATION: 800
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/329,560
; FILING DATE: 26-OCT-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Yates, Michael E.
; REGISTRATION NUMBER: 36,063
; REFERENCE/DOCKET NUMBER: 0284US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (515) 248-4800
; TELEFAX: (515) 248-4844
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 12 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-539-798-8

Query Match 0.5%; Score 10; DB 1; Length 12;
Best Local Similarity 70.0%; Pred. No. 3.1e+02;
Matches 7; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY 1039 ACTACTACTA 1048
Db 3 ACUACUACUA 12

RESULT 718
US-08-329-560-8
; Sequence 8, Application US/08329560
; Patent No. 5654402
; GENERAL INFORMATION:
; APPLICANT: CAHOON, Edgar B.
; APPLICANT: OHLMGEE, John B.
; TITLE OF INVENTION: Methods and Compositions Relating to
; TITLE OF INVENTION: Plant 6-Delta Palmitoyl-Acyl Carrier Protein Desaturase
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pioneer Hi-Bred International, Inc.
; STREET: 700 Capital Square, 400 Locust Street
; US-08-329-560-8
```


CITY: Des Moines
 STATE: Iowa
 COUNTRY: US
 ZIP: 50309
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patent In Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/329,560
 FILING DATE: 26-OCT-1994
 CLASSIFICATION: 435
 ATTORNEY/AGENT INFORMATION:
 NAME: Yates, Michael E.
 REGISTRATION NUMBER: 36,063
 REFERENCE/DOCKET NUMBER: 0284US
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (515) 248-4800
 TELEFAX: (515) 248-4844
 INFORMATION FOR SEQ ID NO: 8:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 12 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 US-08-329-560-8

Query Match 0.5%; Score 10; DB 1; Length 12;
 Best Local Similarity 70.0%; Pred. No. 3.1e-02;
 Matches 7; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY 1039 ACTACTACTA 1048
 |||:|:|:|:
 Db 3 ACUACUACUA 12

RESULT 719
 US-08-363-233B-13/c
 Sequence 13, Application US/08363233B
 Patent No. 5714383
 GENERAL INFORMATION:
 APPLICANT: Thompson, James D.
 TITLE OF INVENTION: METHOD AND REAGENT FOR TREATING CHRONIC
 MYELOGENOUS LEUKEMIA
 NUMBER OF SEQUENCES: 39
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Lyon & Lyon
 STREET: 633 West Fifth Street
 SUITE: Suite 4700
 CITY: Los Angeles
 STATE: California
 COUNTRY: U.S.A.
 ZIP: 90071-2066
 COMPUTER READABLE FORM:
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 MEDIUM TYPE: storage
 COMPUTER: IBM compatible
 OPERATING SYSTEM: IBM P.C. DOS 5.0
 SOFTWARE: FastSeq for Windows 2.0
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/363,233B
 FILING DATE: December 23, 1994
 CLASSIFICATION: 435
 PRIOR APPLICATION DATA:
 PRIOR APPLICATION NUMBER: including application
 described below:
 APPLICATION NUMBER: 07/882,822
 FILING DATE: May 14, 1992
 APPLICATION NUMBER: 08/193,922
 FILING DATE: February 7, 1994
 ATTORNEY/AGENT INFORMATION:
 NAME: Warburg, Richard J.

2

REGISTRATION NUMBER: 32,327
 REFERENCE/DOCKET NUMBER: 209/165
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (213) 489-1600
 TELEFAX: (213) 955-0440
 TELEX: 67-3510
 INFORMATION FOR SEQ ID NO: 13:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 12 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 US-08-363-233B-13
 Query Match 0.5%; Score 10; DB 1; Length 12;
 Best Local Similarity 100.0%; Pred. No. 3.1e-02;
 Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 903 GGTCAATTC 912
 |||:|:|:|:
 Db 10 GGTCAATTC 1
 RESULT 720
 US-08-809-297-14
 Sequence 14, Application US/08809297
 Patent No. 5948650
 GENERAL INFORMATION:
 APPLICANT: ARAKI, SHIGEKI
 TITLE OF INVENTION: GENETIC VARIETY IDENTIFYING METHOD IN
 HOPS
 NUMBER OF SEQUENCES: 48
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT,
 P.C.
 ADDRESSEE: 1755 SOUTH JEFFERSON DAVIS HIGHWAY, SUITE 400
 STREET: ARLINGTON
 STATE: VA
 COUNTRY: USA
 ZIP: 22202
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patent In Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/809,297
 FILING DATE: 06-MAY-1997
 CLASSIFICATION: 435
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: PCT/JP96/02121
 FILING DATE: 26-JUL-1996
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: JP HEI 7-211328
 FILING DATE: 28-JUL-1995
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: JP HEI 8-130586
 FILING DATE: 30-APR-1996
 ATTORNEY/AGENT INFORMATION:
 NAME: OBLON, NORMAN F.
 REGISTRATION NUMBER: 24618
 REFERENCE/DOCKET NUMBER: 2589-057-OPCT
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (703) 413-3000
 TELEFAX: (703) 413-2220
 INFORMATION FOR SEQ ID NO: 14:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 12 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: other nucleic acid

/ DESCRIPTION: /desc = "SYNTHETIC DNA"
US-08-809-297-14

Query Match 0.5%; Score 10; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 3.1e+02;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 877 TCAGGCACCA 886
|||||
Db 3 TCAGGCACCA 12

RESULT 721

US-08-809-297-14/c
; Sequence 14, Application US/08809297
; Patent No. 5948650
; GENERAL INFORMATION:
; APPLICANT: ARAKI, SHIGEKI
; APPLICANT: TSUCHIYA, YOHICHI
; TITLE OF INVENTION: GENETIC VARIETY IDENTIFYING METHOD IN
; TITLE OF INVENTION: HOPS
; NUMBER OF SEQUENCES: 48
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT,
; ADDRESSEE: P.C.
; STREET: 1755 SOUTH JEFFERSON DAVIS HIGHWAY, SUITE 400
; CITY: ARLINGTON
; STATE: VA
; COUNTRY: USA
; ZIP: 22202

COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/809,297
; FILING DATE: 06-MAY-1997
; CLASSIFICATION: 435

PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/JP96/02121
; FILING DATE: 26-JUL-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: JP HEI 7-211328
; FILING DATE: 28-JUL-1995
; PRIOR APPLICATION DATA: JP HEI 8-130586
; APPLICATION NUMBER: JP HEI 8-130586
; FILING DATE: 30-APR-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: OBLON, NORMAN F.
; REGISTRATION NUMBER: 24618
; REFERENCE/DOCKET NUMBER: 2589-057-0PCT

TELEPHONE: (703) 413-3000
; TELEFAX: (703) 413-2220
; INFORMATION FOR SEQ ID NO: 14:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 12 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "SYNTHETIC DNA"
US-08-809-297-14

Query Match 0.5%; Score 10; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 3.1e+02;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 271 GTGCCTGACC 280
|||||
Db 10 GTGCCTGACC 1

RESULT 722

US-08-809-297-47
; Sequence 47, Application US/08809297
; Patent No. 5948650
; GENERAL INFORMATION:
; APPLICANT: ARAKI, SHIGEKI
; APPLICANT: TSUCHIYA, YOHICHI
; TITLE OF INVENTION: GENETIC VARIETY IDENTIFYING METHOD IN
; TITLE OF INVENTION: HOPS
; NUMBER OF SEQUENCES: 48
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT,
; ADDRESSEE: P.C.
; STREET: 1755 SOUTH JEFFERSON DAVIS HIGHWAY, SUITE 400
; CITY: ARLINGTON
; STATE: VA
; COUNTRY: USA
; ZIP: 22202

COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/809,297
; FILING DATE: 06-MAY-1997
; CLASSIFICATION: 435

PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/JP96/02121
; FILING DATE: 26-JUL-1996
; PRIOR APPLICATION DATA: JP HEI 7-211328
; APPLICATION NUMBER: JP HEI 7-211328
; FILING DATE: 28-JUL-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: JP HEI 8-130586
; FILING DATE: 30-APR-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: OBLON, NORMAN F.

REGISTRATION NUMBER: 24618
; REFERENCE/DOCKET NUMBER: 2589-057-0PCT
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703) 413-3000
; TELEFAX: (703) 413-2220
; INFORMATION FOR SEQ ID NO: 47:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 12 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "SYNTHETIC DNA"
US-08-809-297-47

Query Match 0.5%; Score 10; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 3.1e+02;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 877 TCAGGCACCA 886
|||||
Db 3 TCAGGCACCA 12

RESULT 723

US-08-809-297-47/c
; Sequence 47, Application US/08809297
; Patent No. 5948650
; GENERAL INFORMATION:
; APPLICANT: ARAKI, SHIGEKI
; APPLICANT: TSUCHIYA, YOHICHI
; TITLE OF INVENTION: GENETIC VARIETY IDENTIFYING METHOD IN
; TITLE OF INVENTION: HOPS
; NUMBER OF SEQUENCES: 48

```
/
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT,
/ ADDRESSEE: P.C.
/ STREET: 1755 SOUTH JEFFERSON DAVIS HIGHWAY, SUITE 400
/ CITY: ARLINGTON
/ STATE: VA
/ COUNTRY: USA
/ ZIP: 22202
/
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: PatentIn Release #1.0, Version #1.30
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/809,297
/ FILING DATE: 06-MAY-1997
/ CLASSIFICATION: 435
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: PCT/JP96/02121
/ FILING DATE: 26-JUL-1996
/ PRIOR APPLICATION NUMBER: JP HEI 7-211328
/ APPLICATION DATE: 28-JUL-1995
/ PRIOR APPLICATION NUMBER: JP HEI 8-130586
/ FILING DATE: 30-APR-1996
/ ATTORNEY/AGENT INFORMATION:
/ NAME: OBLON, NORMAN F.
/ REGISTRATION NUMBER: 24618
/ REFERENCE/DOCKET NUMBER: 2589-057-0PCT
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (703) 413-3000
/ TELEFAX: (703) 413-2220
/ INFORMATION FOR SEQ ID NO: 47:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 12 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: other nucleic acid
/ DESCRIPTION: /desc = "SYNTHETIC DNA"
/
/ US-08-809-297-47
/
/ Query Match 0.5%; Score 10; DB 1; Length 12;
/ Best Local Similarity 100.0%; Pred. No. 3.1e+02;
/ Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
/
/ QY 271 GTGCCTGACC 280
/ Db 10 GTGCCTGACC 1
/
/ RESULT 724
/ US-08-462-467B-29
/ Sequence 29, Application US/08462467B
/ Patent No. 6210899
/ GENERAL INFORMATION:
/ APPLICANT: Rosenbaum, Jan S
/ TITLE OF INVENTION: The Use of a BMP Protein Receptor
/ TITLE OF INVENTION: Complex for Screening Bone Metabolism Actives and Cells
/ TITLE OF INVENTION: Co-Transfected With a Type II BMP Receptor and a Type I
/ TITLE OF INVENTION: BMP Receptor
/ NUMBER OF SEQUENCES: 39
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: The Procter & Gamble Company
/ STREET: 11810 East Miami River Road
/ CITY: Ross
/ STATE: OH
/ COUNTRY: USA
/ ZIP: 45061
/
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
```

```
/
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: PatentIn Release #1.0, Version #1.30
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/462,467B
/ FILING DATE:
/ CLASSIFICATION: 435
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Heirsko, Bart S.
/ REGISTRATION NUMBER: 32,572
/ REFERENCE/DOCKET NUMBER: 5474R
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (513) 627-0633
/ TELEFAX: (513) 627-0260
/ INFORMATION FOR SEQ ID NO: 29:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 12 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA (genomic)
/
/ US-08-462-467B-29
/
/ Query Match 0.5%; Score 10; DB 1; Length 12;
/ Best Local Similarity 70.0%; Pred. No. 3.1e+02;
/ Matches 7; Conservative 3; Mismatches 0; Indels 0; Gaps 0;
/
/ QY 1039 ACTACTACTA 1048
/ Db 3 ACUACUACUA 12
/
/ RESULT 725
/ US-09-281-418-156/C
/ Sequence 156, Application US/09281418
/ Patent No. 6287769
/ GENERAL INFORMATION:
/ APPLICANT: Inoue, Takakazu
/ TITLE OF INVENTION: Method of Amplifying DNA Fragment, Apparatus for Amplifying DNA
/ TITLE OF INVENTION: agment, Method of Assaying Microorganisms, Method of Analyzing
/ TITLE OF INVENTION: niems and Method of Assaying Contaminant
/ FILE REFERENCE: 9982-7
/ CURRENT APPLICATION NUMBER: US/09/281,418
/ CURRENT FILING DATE: 1999-03-30
/ EARLIER APPLICATION NUMBER: JP/1998/87651
/ EARLIER FILING DATE: 1998-03-31
/ EARLIER APPLICATION NUMBER: JP/1999/69694
/ EARLIER FILING DATE: 1999-03-16
/ NUMBER OF SEQ ID NOS: 216
/ SEQ ID NO 156
/ LENGTH: 12
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Primer
/
/ US-09-281-418-156
/
/ Query Match 0.5%; Score 10; DB 1; Length 12;
/ Best Local Similarity 100.0%; Pred. No. 3.1e+02;
/ Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
/
/ QY 1234 ACAGCCCTCG 1243
/ Db 11 ACAGCCCTCG 2
/
/ RESULT 726
/ US-09-281-418-202
/ Sequence 202, Application US/09281418
/ Patent No. 6287769
/ GENERAL INFORMATION:
/ APPLICANT: Inoue, Takakazu
/ TITLE OF INVENTION: Method of Amplifying DNA Fragment, Apparatus for Amplifying DNA
/ TITLE OF INVENTION: agment, Method of Assaying Microorganisms, Method of Analyzing
```

```

; TITLE OF INVENTION: nisms and Method of Assaying Contaminant
; FILE REFERENCE: 9982-7
; CURRENT APPLICATION NUMBER: US/09/281,418
; CURRENT FILING DATE: 1999-03-30
; EARLIER APPLICATION NUMBER: JP/1998/87651
; EARLIER FILING DATE: 1998-03-31
; EARLIER APPLICATION NUMBER: JP/1999/69694
; EARLIER FILING DATE: 1999-03-16
; NUMBER OF SEQ ID NOS: 216
; SEQ ID NO 202
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-09-281-418-202

Query Match      0.5%; Score 10; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 3.1e+02;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 877 TCAGGCACCA 886
Db 3 TCAGGCACCA 12

RESULT 727
US-09-281-418-202/c
; Sequence 202, Application US/09281418
; Patent No. 6287769
; GENERAL INFORMATION:
; APPLICANT: Inoue, Takakazu
; TITLE OF INVENTION: Method of Amplifying DNA Fragment, Apparatus for Amplifying DNA F
; TITLE OF INVENTION: agent, Method of Assaying Microorganisms, Method of Analyzing Mi
; TITLE OF INVENTION: nisms and Method of Assaying Contaminant
; FILE REFERENCE: 9982-7
; CURRENT APPLICATION NUMBER: US/09/281,418
; CURRENT FILING DATE: 1999-03-30
; EARLIER APPLICATION NUMBER: JP/1998/87651
; EARLIER FILING DATE: 1998-03-31
; EARLIER APPLICATION NUMBER: JP/1999/69694
; EARLIER FILING DATE: 1999-03-16
; NUMBER OF SEQ ID NOS: 216
; SEQ ID NO 202
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-09-281-418-202

Query Match      0.5%; Score 10; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 3.1e+02;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 271 GTGCCTGACC 280
Db 10 GTGCCTGACC 1

RESULT 728
US-09-004-838-139
; Sequence 139, Application US/09004838
; Patent No. 6350933
; GENERAL INFORMATION:
; APPLICANT: Michelmore, Richard W.
; APPLICANT: Shen, Kathy
; APPLICANT: Meyers, Blake
; TITLE OF INVENTION: Procedures and Materials for
; NUMBER OF SEQUENCES: 140
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP

; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/004,838
; FILING DATE: 09-JAN-1998
; CLASSIFICATION: 800
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/781,734
; FILING DATE: 10-JAN-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Einhorn, Gregory P.
; REGISTRATION NUMBER: 38,440
; REFERENCE/DOCKET NUMBER: 023070-078810US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 139:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 12 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: RNA
US-09-004-838-139

Query Match      0.5%; Score 10; DB 1; Length 12;
Best Local Similarity 70.0%; Pred. No. 3.1e+02;
Matches 7; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY 1039 ACTACTACTA 1048
Db 3 ACUACUACUA 12

RESULT 729
US-08-608-584-10
; Sequence 10, Application US/08608584
; Patent No. 5667994
; GENERAL INFORMATION:
; APPLICANT: Dilly, Karen A.
; APPLICANT: Bustos, Silvia A.
; APPLICANT: Rostkowski, Christine A.
; APPLICANT: Berger, Dolores
; TITLE OF INVENTION: AMPLIFICATION AND DETECTION OF
; TITLE OF INVENTION: MYCOBACTERIUM AVIUM COMPLEX SPECIES
; NUMBER OF SEQUENCES: 26
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: R. J. Rodrick, Becton Dickinson and Company
; STREET: 1 Becton Drive
; CITY: Franklin Lakes
; STATE: NJ
; COUNTRY: US
; ZIP: 07417
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/608,584
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Fugit, Donna R.
; REGISTRATION NUMBER: 32,135
```

REFERENCE/DOCKET NUMBER: P-3550

INFORMATION FOR SEQ ID NO: 10:

SEQUENCE CHARACTERISTICS:

LENGTH: 13 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-08-608-594-10

Query Match 0.5%; Score 10; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 3.9e+02;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1242 CGCCTCCGAC 1251

Db 4 CGCCTCCGAC 13

RESULT 730

US-08-520-194-7

Sequence 7, Application US/08520194

Patent No. 5681705

GENERAL INFORMATION:

APPLICANT: Schram, James L.

APPLICANT: Nadeau, James G.

APPLICANT: Dean, Cheryl H.

TITLE OF INVENTION: AMPLIFICATION AND DETECTION OF

TITLE OF INVENTION: MYCOBACTERIUM AVIUM COMPLEX SPECIES

NUMBER OF SEQUENCES: 12

CORRESPONDENCE ADDRESS:

ADDRESSEE: Richard J. Rodrick, Becton Dickinson and

ADDRESS: Company

STREET: 1 Becton Drive

CITY: Franklin Lakes

STATE: NJ

COUNTRY: US

ZIP: 07417

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent in Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/520,194

FILING DATE:

CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:

NAME: Fugit, Donna R.

REGISTRATION NUMBER: 32,135

REFERENCE/DOCKET NUMBER: P-3274

INFORMATION FOR SEQ ID NO: 7:

SEQUENCE CHARACTERISTICS:

LENGTH: 13 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: DNA (genomic)

US-08-520-194-7

Query Match 0.5%; Score 10; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 3.9e+02;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1242 CGCCTCCGAC 1251

Db 4 CGCCTCCGAC 13

RESULT 731

US-09-474-432B-177/c

Sequence 177, Application US/09474432B

Patent No. 6528640

GENERAL INFORMATION:

APPLICANT: Ribozyme Pharmaceuticals, Inc.

APPLICANT: Beigelman, Leo

APPLICANT: Burgin, Alex

APPLICANT: Beaudry, Amber

APPLICANT: Karpeisky, Alex

APPLICANT: Adamic, Jasenka

APPLICANT: Sweedler, David

APPLICANT: Zinnen, Shawn

TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucle

FILE REFERENCE: MEH800-831-B (247/276)

CURRENT APPLICATION NUMBER: US/09/474,432B

CURRENT FILING DATE: 1999-12-19

PRIOR APPLICATION NUMBER: US 60/064,866

PRIOR FILING DATE: 1997-11-05

PRIOR APPLICATION NUMBER: US 60/084,727

PRIOR FILING DATE: 1998-04-29

PRIOR APPLICATION NUMBER: US 09/186,675

PRIOR FILING DATE: 1998-11-04

PRIOR APPLICATION NUMBER: US 09/301,511

PRIOR FILING DATE: 1999-04-28

NUMBER OF SEQ ID NOS: 1526

SOFTWARE: Patent in version 3.0

SEQ ID NO 177

LENGTH: 13

TYPE: RNA

ORGANISM: Homo sapiens

US-09-474-432B-177

Query Match 0.5%; Score 10; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 3.9e+02;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1055 TGCCCCCAAA 1064

Db 10 TGCCCCCAAA 1

RESULT 732

US-09-476-387-177/c

Sequence 177, Application US/09476387

Patent No. 6617438

GENERAL INFORMATION:

APPLICANT: Ribozyme Pharmaceuticals, Inc.

APPLICANT: Beigelman, Leo

APPLICANT: Beaudry, Amber

APPLICANT: Karpeisky, Alex

APPLICANT: Adamic, Jasenka Matulic

APPLICANT: Sweedler, Dave

APPLICANT: Zinnen, Shawn

TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucle

FILE REFERENCE: MEH800-831-C (249/073)

CURRENT APPLICATION NUMBER: US/09/476,387

CURRENT FILING DATE: 2001-04-04

PRIOR APPLICATION NUMBER: 09/474,432

PRIOR FILING DATE: 1999-12-29

PRIOR APPLICATION NUMBER: 09/301,511

PRIOR FILING DATE: 1999-04-28

PRIOR APPLICATION NUMBER: 09/186,675

PRIOR FILING DATE: 1998-11-04

PRIOR APPLICATION NUMBER: 60/083,727

PRIOR FILING DATE: 1998-04-29

PRIOR APPLICATION NUMBER: 60/064,866

PRIOR FILING DATE: 1997-11-05

NUMBER OF SEQ ID NOS: 1524

SOFTWARE: Patent in version 3.0

SEQ ID NO 177

LENGTH: 13

TYPE: RNA

ORGANISM: Homo sapiens

US-09-476-387-177

Query Match 0.5%; Score 10; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 3.9e+02;

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Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1055 TGGCCCCCAA 1064
Db 10 TGGCCCCCAA 1

RESULT 733
US-08-068-945A-24
; Sequence 24, Application US/08068945A
; Patent No. 5616483
; GENERAL INFORMATION:
; APPLICANT: Bjursell, Gunnar
; APPLICANT: Carlsson, Peter
; APPLICANT: Enerback, Sven
; APPLICANT: Hansson, Lennart
; APPLICANT: Lidberg, Ulf
; APPLICANT: Nilsson, Jeanette
; APPLICANT: Tornell, Jan
; TITLE OF INVENTION: New DNA Sequences
; NUMBER OF SEQUENCES: 58
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: White & Case
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: United States
; ZIP: 10036-2787
; COMPUTER READABLE FORM:
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; FILING DATE: 27-MAY-1993
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: SE 9201809-2
; FILING DATE: 11-JUN-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: SE 9201826-6
; FILING DATE: 12-JUN-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: SE 9202088-2
; FILING DATE: 03-JUL-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: SE 9300902-5
; FILING DATE: 19-MAR-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Sterner, Richard J.
; REGISTRATION NUMBER: 35,372
; REFERENCE/DOCKET NUMBER: 1103326-052
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212)819-8783
; TELEFAX: (212)354-8113
; INFORMATION FOR SEQ ID NO: 24:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 13 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-068-945A-24

Query Match 0.5%; Score 10; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 3.9e+02;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 501 GGAGTGTGAG 510
Db 3 GGAGTGTGAG 12
```

```
RESULT 734
US-08-442-806-24
; Sequence 24, Application US/08442806
; Patent No. 5716817
; GENERAL INFORMATION:
; APPLICANT: Bjursell, Gunnar
; APPLICANT: Carlsson, Peter
; APPLICANT: Enerback, Sven
; APPLICANT: Hansson, Lennart
; APPLICANT: Lidberg, Ulf
; APPLICANT: Nilsson, Jeanette
; APPLICANT: Tornell, Jan
; TITLE OF INVENTION: Genomic DNA Sequences
; NUMBER OF SEQUENCES: 58
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: White & Case
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: United States
; ZIP: 10036-2787
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/442,806
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/068,945
; FILING DATE: 27-MAY-1993
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: SE 9201809-2
; FILING DATE: 11-JUN-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: SE 9201826-6
; FILING DATE: 12-JUN-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: SE 9202088-2
; FILING DATE: 03-JUL-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: SE 9300902-5
; FILING DATE: 19-MAR-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Sterner, Richard J.
; REGISTRATION NUMBER: 35,372
; REFERENCE/DOCKET NUMBER: 1103326-052
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212)819-8783
; TELEFAX: (212)354-8113
; INFORMATION FOR SEQ ID NO: 24:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 13 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-442-806-24

Query Match 0.5%; Score 10; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 3.9e+02;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 501 GGAGTGTGAG 510
Db 3 GGAGTGTGAG 12
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RESULT 735
US-08-765-340-150/c
; Sequence 150, Application US/08765340
; Patent No. 6150092
; GENERAL INFORMATION:
; APPLICANT: UCHIDA, K.,
; APPLICANT: UCHIDA, T.,
; APPLICANT: TANAKA, Y.,
; APPLICANT: MATSUDA, Y.,
; APPLICANT: KONDO, S.,
; TITLE OF INVENTION: AN ANTISENSE NUCLEIC ACID
; TITLE OF INVENTION: COMPOUND
; NUMBER OF SEQUENCES: 185
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORGAN & FINNEGAN, L.L.P.
; STREET: 345 PARK AVENUE
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10154
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/765,340
; FILING DATE: 23-DEC-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: JP 145146/94
; FILING DATE: 27-JUN-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: JP 311130/94
; FILING DATE: 21-NOV-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: SERUNIAN, LESLIE
; REGISTRATION NUMBER: 35,353
; REFERENCE/DOCKET NUMBER: 1452-4005
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 759-4800
; TELEFAX: (212) 751-6849
; INFORMATION FOR SEQ ID NO: 150:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "synthetic DNA"
US-08-765-340-150
Query Match 0.5%; Score 10; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 4.8e+02;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 818 GCCTGGAGTG 827
DB 13 GCCTGGAGTG 4
RESULT 736
US-08-237-233-5/c
; Sequence 5, Application US/08237233
; Patent No. 5414077
; GENERAL INFORMATION:
; APPLICANT: LIN, KOEI-YING
; APPLICANT: MATTEUCCI, MARK
; TITLE OF INVENTION: PSEUDONUCLEOSIDES AND
; TITLE OF INVENTION: PSEUDONUCLEOTIDES AND THEIR POLYMERS
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: IRELL & MANELLA

STREET: 545 MIDDLEFIELD ROAD, SUITE 200
CITY: MENLO PARK
STATE: CA
COUNTRY: USA
ZIP: 94025
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/237,233
FILING DATE:
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/594147
FILING DATE: 09-OCT-1990
ATTORNEY/AGENT INFORMATION:
NAME: MURASHIGE, KATE H.
REGISTRATION NUMBER: 29959
REFERENCE/DOCKET NUMBER: 4610-0006.20
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-327-7250
TELEFAX: 415-327-2951
TELEX: 706141
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 14 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-237-233-5
Query Match 0.5%; Score 10; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 4.8e+02;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1016 AAAAGAGGG 1025
DB 10 AAAAGAGGG 1
RESULT 737
US-08-173-489C-185
; Sequence 185, Application US/08173489C
; Patent No. 5861244
; GENERAL INFORMATION:
; APPLICANT: WANG, C. -G.
; APPLICANT: HEPBURN, A. G.
; TITLE OF INVENTION: GENETIC SEQUENCE ASSAY USING DNA
; TITLE OF INVENTION: TRIPLE-STRAND FORMATION.
; NUMBER OF SEQUENCES: 365
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: PROFILE DIAGNOSTIC SCIENCES, INC.,
; STREET: 510 EAST 73RD STREET,
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10021
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch, 1.44Mb storage
COMPUTER: IBM PC/XT/AT
OPERATING SYSTEM: MS-DOS version 6.2
SOFTWARE: Wordperfect Version 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/173,489C
FILING DATE: 22 DEC 1993
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/968,436
FILING DATE: 29 OCT 1992
ATTORNEY/AGENT INFORMATION:
NAME: Handelman, Joseph H.

REGISTRATION NUMBER: 26,179
REFERENCE/DOCKET NUMBER: U9518-6
TELECOMMUNICATION INFORMATION:
TELEPHONE: (attorney) (212) 708-1880
TELEFAX: (attorney) (212) 246-8959
INFORMATION FOR SEQ ID NO: 185:
SEQUENCE CHARACTERISTICS:
LENGTH: 14 base pairs
TYPE: nucleic acid
STRANDEDNESS: double stranded
TOPOLOGY: linear
MOLECULE TYPE: genomic DNA
DESCRIPTION: hepatitis B virus adw2 isolate,
HYPOTHETICAL: no
ANTI-SENSE: no
ORIGINAL SOURCE:
ORGANISM: Hepatitis B virus
INDIVIDUAL ISOLATE: adw2
PUBLICATION INFORMATION:
AUTHORS: Valenzuela, P., Quiroga, M., Zaldivar, J.,
AUTHORS: Gray, P., Ruter, W. J.
TITLE: The nucleotide sequence of
the Hepatitis B viral genome and the
identification of the major viral genes
JOURNAL: In "Animal Virus Genetics", Fields, B. N.,
JOURNAL: Jaenisch, R., Fox C F eds
VOLUME: 11
PAGES: 57-70
DATE: 1980
RELEVANT RESIDUES IN SEQ ID NO: 185 :FROM 1 TO 14
US-08-173-489C-185
Query Match 0.5%; Score 10; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 4.8e+02;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 935 TCCTCTTCAT 944
Db 2 TCCTCTTCAT 11
RESULT 738
US-08-173-489C-197
Sequence 197, Application US/08173489C
Patent No. 5861244
GENERAL INFORMATION:
APPLICANT: WANG, C. -G.
APPLICANT: HEPBURN, A. G.
TITLE OF INVENTION: GENETIC SEQUENCE ASSAY USING DNA
TRIPLE-STRAND FORMATION.
NUMBER OF SEQUENCES: 365
CORRESPONDENCE ADDRES:
ADDRESSEE: PROFILE DIAGNOSTIC SCIENCES, INC.,
STREET: 510 EAST 73RD STREET,
CITY: NEW YORK
STATE: NEW YORK
COUNTRY: USA
ZIP: 10021.
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch, 1.44Mb storage
COMPUTER: IBM PC/XT/AT
OPERATING SYSTEM: MS-DOS version 6.2
SOFTWARE: Wordperfect Version 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/173,489C
FILING DATE: 22 DEC 1993
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/968,436
FILING DATE: 29 OCT 1992
ATTORNEY/AGENT INFORMATION:
NAME: Handelman, Joseph H.

REGISTRATION NUMBER: 26,179
REFERENCE/DOCKET NUMBER: U9518-6
TELECOMMUNICATION INFORMATION:
TELEPHONE: (attorney) (212) 708-1880
TELEFAX: (attorney) (212) 246-8959
INFORMATION FOR SEQ ID NO: 197:
SEQUENCE CHARACTERISTICS:
LENGTH: 14 base pairs
TYPE: nucleic acid
STRANDEDNESS: double stranded
TOPOLOGY: linear
MOLECULE TYPE: genomic DNA
DESCRIPTION: hepatitis B virus adr isolate,
HYPOTHETICAL: no
ANTI-SENSE: no
ORIGINAL SOURCE:
ORGANISM: Hepatitis B virus
INDIVIDUAL ISOLATE: adr
PUBLICATION INFORMATION:
AUTHORS: Fujiyama, A., Miyahara, A., No. 5861244aki, C.,
AUTHORS: Toneyama, T., Ohromo, N., Matsubara, K.
TITLE: Cloning and structural
analysis of Hepatitis B virus DNAs subtype adr
JOURNAL: Nucleic Acids Research
VOLUME: 11
PAGES: 4601-4610
DATE: 1983
RELEVANT RESIDUES IN SEQ ID NO: 197 :FROM 1 TO 14
US-08-173-489C-197
Query Match 0.5%; Score 10; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 4.8e+02;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 935 TCCTCTTCAT 944
Db 2 TCCTCTTCAT 11
RESULT 739
US-08-765-340-149
Sequence 149, Application US/08765340
Patent No. 6150092
GENERAL INFORMATION:
APPLICANT: UCHIDA, K.,
APPLICANT: UCHIDA, T.,
APPLICANT: TANAKA, Y.,
APPLICANT: MATSUDA, Y.,
APPLICANT: KONDO, S.
TITLE OF INVENTION: AN ANTISENSE NUCLEIC ACID
COMPOUND
NUMBER OF SEQUENCES: 185
CORRESPONDENCE ADDRES:
ADDRESSEE: MORGAN & FINNEGAN, L.L.P.,
STREET: 345 PARK AVENUE
CITY: NEW YORK
STATE: NEW YORK
COUNTRY: USA
ZIP: 10154
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version
SOFTWARE: #1.30 (EPO)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/765,340
FILING DATE: 23-DEC-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: JP 145146/94
FILING DATE: 27-JUN-1994
PRIOR APPLICATION DATA:


```
; APPLICATION NUMBER: JP 311130/94
; FILING DATE: 21-NOV-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: SERUNIAN, LESLIE
; REGISTRATION NUMBER: 35,353
; REFERENCE/DOCKET NUMBER: 1452-4005
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 758-4800
; TELEFAX: (212) 751-6849
; INFORMATION FOR SEQ ID NO: 149:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "synthetic DNA"
; US-08-765-340-149

Query Match 0.5%; Score 10; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 4.8e+02;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1090 CACTCCAGGC 1089
DB 1 CACTCCAGGC 10

RESULT 740
US-08-765-340-149/c
; Sequence 149, Application US/08765340
; Patent No. 6150092
; GENERAL INFORMATION:
; APPLICANT: UCHIDA, K.,
; APPLICANT: UCHIDA, T.,
; APPLICANT: TANAKA, Y.,
; APPLICANT: MATSUO, Y.,
; APPLICANT: KONDO, S.,
; TITLE OF INVENTION: AN ANTISENSE NUCLEIC ACID
; NUMBER OF SEQUENCES: 185
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORGAN & FINNEGAN, L.L.P.
; STREET: 345 PARK AVENUE
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10154
; COMPUTER READABLE FORM:
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version
; SOFTWARE: #1.30 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/765,340
; FILING DATE: 23-DEC-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: JP 145146/94
; FILING DATE: 27-JUN-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: JP 311130/94
; FILING DATE: 21-NOV-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: SERUNIAN, LESLIE
; REGISTRATION NUMBER: 35,353
; REFERENCE/DOCKET NUMBER: 1452-4005
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 758-4800
; TELEFAX: (212) 751-6849
; INFORMATION FOR SEQ ID NO: 149:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
```

```
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "synthetic DNA"
; US-08-765-340-149

Query Match 0.5%; Score 10; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 4.8e+02;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 818 GCCTGGAGTG 827
DB 10 GCCTGGAGTG 1

RESULT 741
US-09-230-652-36
; Sequence 36, Application US/09230652A
; Patent No. 6537775
; GENERAL INFORMATION:
; APPLICANT: Tournier-Lasserre, Elisabeth
; APPLICANT: Joutel, Anne
; APPLICANT: Bousser, Marie-Germaine
; APPLICANT: Bach, Jean-Francois
; TITLE OF INVENTION: GENE INVOLVED IN CADASIL, METHOD OF DIAGNOSIS AND
; FILE REFERENCE: 03715.0048-00000
; CURRENT APPLICATION NUMBER: US/09/230,652A
; CURRENT FILING DATE: 1999-05-17
; EARLIER FILING DATE: 1996-08-01
; EARLIER APPLICATION NUMBER: FR 96 09733
; EARLIER FILING DATE: 1997-04-16
; EARLIER APPLICATION NUMBER: PCT/FR97/01433
; EARLIER FILING DATE: 1997-07-31
; NUMBER OF SEQ ID NOS: 163
; SOFTWARE: Patent in Ver. 2.1
; SEQ ID NO 36
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer
; US-09-230-652-36

Query Match 0.5%; Score 10; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 4.8e+02;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1137 CTCCAGCTCC 1146
DB 3 CTCCAGCTCC 12

RESULT 742
5194595-18/c
; Patent No. 5194595
; APPLICANT: WATHEN, MICHAEL W.
; TITLE OF INVENTION: CHIMERIC GLYCOPROTEINS CONTAINING
; IMMUNOGENIC SEGMENT OF THE GLYCOPROTEINS OF HUMAN RESPIRATORY
; SYNCYTIAL VIRUS
; NUMBER OF SEQUENCES: 19
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/543,780
; FILING DATE: 31-OCT-1988
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 137,387
; FILING DATE: 23-DEC-1987
; SEQ ID NO:18
; LENGTH: 14
; 5194595-18
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```
Query Match      0.5%; Score 10; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 4.8e+02;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 987 CTCCTATTGTT 996
DB 14 CTCCTATTGTT 5

RESULT 743
5214136-13/c
; Patent No. 5214136
; APPLICANT: LIN, KUEI-YING; NATTEUCCI, MARK
; TITLE OF INVENTION: ANTHRAQUINONE-DERIVATIVES
; OLIGONUCLEOTIDES
; NUMBER OF SEQUENCES: 18
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/482,941
; FILING DATE: 20-FEB-1990
; SEQ ID NO:13:
; LENGTH: 14
5214136-13

Query Match      0.5%; Score 10; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 4.8e+02;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1016 AAAAGAGGG 1025
DB 10 AAAAGAGGG 1

RESULT 744
US-08-275-526C-8/c
; Sequence 8, Application US/08275526C
; Patent No. 6180382
; GENERAL INFORMATION:
; APPLICANT: DE BUYL, ERIC
; APPLICANT: LAHAYE, ANDR E
; APPLICANT: LEDOUX, PIERRE
; APPLICANT: AMORY, ANTOINE
; APPLICANT: DETROZ, REN
; APPLICANT: ANDRE, CHRISTOPHE
; APPLICANT: VETTER, ROMAN
; TITLE OF INVENTION: XYLANASE DERIVED FROM A BACILLUS SPECIES,
; EXPRESSION VECTORS FOR SUCH XYLANASE AND
; TITLE OF INVENTION: OTHER PROTEINS, HOST ORGANISMS THEREFOR AND
; TITLE OF INVENTION: USE THEREOF
; NUMBER OF SEQUENCES: 35
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: WILLIAM BRINKS HOFER GILSON & LIONE, P.C.
; STREET: 2000 K St., N.W., Suite 200
; CITY: Washington
; STATE: D.C.
; COUNTRY: U.S.A.
; ZIP: 20006
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; FILING DATE: 15-JUL-1994
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Gadiano, Wilhem F.
; REGISTRATION NUMBER: 37,136
; REFERENCE/DOCKET NUMBER: 4121-49
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 429-0625
; TELEFAX: (202) 293-0625
```

```
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: nucleic acid (synthetic oligonucleotide)
; US-08-275-526C-8

Query Match      0.5%; Score 10; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 4.8e+02;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 630 TGGCTGCAGG 639
DB 10 TGGCTGCAGG 1

RESULT 745
US-09-076-677-8/c
; Sequence 8, Application US/09076677
; Patent No. 6423523
; GENERAL INFORMATION:
; APPLICANT: DE BUYL, ERIC
; APPLICANT: LAHAYE, ANDREE
; APPLICANT: LEDOUX, PIERRE
; APPLICANT: AMORY, ANTOINE
; APPLICANT: DETROZ, RENE
; APPLICANT: ANDRE, CHRISTOPHE
; APPLICANT: VETTER, ROMAN
; TITLE OF INVENTION: XYLANASE DERIVED FROM A BACILLUS SPECIES,
; EXPRESSION VECTORS FOR SUCH XYLANASE AND
; OTHER PROTEINS, HOST ORGANISMS THEREFOR AND
; USE THEREOF
; NUMBER OF SEQUENCES: 35
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: WILLIAM BRINKS HOFER GILSON & LIONE, P.C.
; STREET: 2000 K St., N.W., Suite 200
; CITY: Washington
; STATE: D.C.
; COUNTRY: U.S.A.
; ZIP: 20006
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; FILING DATE: 12-May-1998
; APPLICATION NUMBER: US/09/076.677
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/275,526
; FILING DATE: 15-JUL-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Gadiano, Wilhem F.
; REGISTRATION NUMBER: 37,136
; REFERENCE/DOCKET NUMBER: 4121-49
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 429-0625
; TELEFAX: (202) 293-0625
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: nucleic acid (synthetic oligonucleotide)
; SEQUENCE DESCRIPTION: SEQ ID NO: 8:
US-09-076-677-8

Query Match      0.5%; Score 10; DB 1; Length 14;
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Best Local Similarity 100.0%; Pred. No. 4.8e+02; Mismatches 0; Indels 0; Gaps 0;

QY 630 TGGCTGCAGG 639
| | | | |
Db 10 TGGCTGCAGG 1

RESULT 746

US-09-073-055-8/c
; Sequence 8, Application US/09073055
; Patent No. 6426211
; GENERAL INFORMATION:
; APPLICANT: DE BUIL, ERIC
; LAHAYE, ANDR E
; LEDOUX, PIERRE
; AMORY, ANTOINE
; DETROZ, REN
; ANDRE, CHRISTOPHE
; VETTER, ROMAN
; TITLE OF INVENTION: XYLANASE DERIVED FROM A BACILLUS SPECIES,
; EXPRESSION VECTORS FOR SUCH XYLANASE AND
; OTHER PROTEINS, HOST ORGANISMS THEREFOR AND
; USE THEREOF

NUMBER OF SEQUENCES: 35
CORRESPONDENCE ADDRESS:
ADDRESSEE: WILLIAM BRINKS HOFER GILSON & LIONE, P.C.
STREET: 2000 K St., N.W., Suite 200
CITY: Washington
STATE: D.C.
COUNTRY: U.S.A.
ZIP: 20006

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/073,055
FILING DATE: 05-May-1998
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/275,526
FILING DATE: 15-JUL-1994

ATTORNEY/AGENT INFORMATION:
NAME: Gadiano, Wilhem F.
REGISTRATION NUMBER: 37,136
REFERENCE/DOCKET NUMBER: 4121-49
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 429-0625
TELEFAX: (202) 293-0625

INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 14 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

MOLECULE TYPE: nucleic acid (synthetic oligonucleotide)
SEQUENCE DESCRIPTION: SEQ ID NO: 8:

Query Match 0.5%; Score 10; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 4.8e+02; Mismatches 0; Indels 0; Gaps 0;

QY 630 TGGCTGCAGG 639
| | | | |
Db 10 TGGCTGCAGG 1

RESULT 747

US-09-043-816E-29

Sequence 29, Application US/09043816E
Patent No. 6414128
; GENERAL INFORMATION:
; APPLICANT: Hilton, Douglas J.
; APPLICANT: Willson, Tracy
; APPLICANT: Nicola, Nicos A.
; APPLICANT: Gainsford, Timothy
; APPLICANT: Alexander, Warren S.
; APPLICANT: Metcalf, Donald
; APPLICANT: Ng, Ashley
; TITLE OF INVENTION: A NOVEL HAEMOPOIETIN RECEPTOR AND GENETIC SEQUENCES
; FILE REFERENCE: 11268
; CURRENT APPLICATION NUMBER: US/09/043,816E
; CURRENT FILING DATE: 1998-09-17
; NUMBER OF SEQ ID NOS: 44
; SOFTWARE: Patent In Ver. 2.0
; SEQ ID NO 29
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-043-816E-29

Query Match 0.5%; Score 10; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 6.6e+02; Mismatches 0; Indels 0; Gaps 0;

QY 672 CCTTTCCAG 681
| | | | |
Db 1 CCTTTCCAG 10

RESULT 748

PCT-US91-03680-96/c
; Sequence 96, Application PC/TUS9103680
; GENERAL INFORMATION:
; APPLICANT: Kravczyk, Steven
; APPLICANT: Matteucci, Mark D.
; TITLE OF INVENTION: SEQUENCE-SPECIFIC NONPHOTOACTIVATED
; CROSSLINKING AGENTS WHICH BIND TO THE MAJOR GROOVE OF
; TITLE OF INVENTION: DUPLEX DNA
; NUMBER OF SEQUENCES: 158
; CORRESPONDENCE ADDRESS:
ADDRESSEE: Morrison & Foerster
STREET: 545 Middlefield Road, Suite 200
CITY: Menlo Park
STATE: California
COUNTRY: USA
ZIP: 94025
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US91/03680
FILING DATE: 19910524
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Murashige, Kate H.
REGISTRATION NUMBER: 29,959
REFERENCE/DOCKET NUMBER: 4610-0011.40
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-327-7250
TELEFAX: 415-327-2951
INFORMATION FOR SEQ ID NO: 96:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: NUCLEIC ACID
STRANDEDNESS: single

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; TOPOLOGY: linear
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 3
; OTHER INFORMATION: /mod_base= OTHER
; OTHER INFORMATION: /note= "5-methylcytosine"
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 8
; OTHER INFORMATION: /mod_base= OTHER
; OTHER INFORMATION:
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 9
; OTHER INFORMATION: /mod_base= OTHER
; OTHER INFORMATION: /note= "5-methylcytosine"
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 14
; OTHER INFORMATION: /mod_base= OTHER
; OTHER INFORMATION: /note= "5-methylcytosine"
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 16
; OTHER INFORMATION: /mod_base= OTHER
; OTHER INFORMATION: /note= "T-T, linking group o-xyloso (nucleotides
; OTHER INFORMATION: that have xylose sugar linked via the o-xyloso
; OTHER INFORMATION: ring)"
PCT-US91-03680-96
```

```
Query Match 0.5%; Score 10; DB 1; Length 16;
Best Local Similarity 83.3%; Pred. No. 6.6e+02;
Matches 10; Conservative 1; Mismatches 1; Indels 0; Gaps 0;
```

```
QY 59 GAGAAATTTAAA 70
Db 16 GAGAAAGKAAA 5
```

```
RESULT 749
US-08-937-580-9
; Sequence 9, Application US/08937580
; Patent No. 6013510
; GENERAL INFORMATION:
; APPLICANT: Harris, James M.
; APPLICANT: You, Qimin
; TITLE OF INVENTION: Identification of a DNA Region
; TITLE OF INVENTION: Potentially Useful for the Detection of Mycobacterium
; TITLE OF INVENTION: Kansasii
; NUMBER OF SEQUENCES: 20
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Becton Dickinson and Company
; STREET: 1 Becton Drive
; CITY: Franklin Lakes
; STATE: New Jersey
; COUNTRY: USA
; ZIP: 07417-6800
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.30
; CURRENT APPLICATION NUMBER: US/08/937,580
; FILING DATE: 25-SEP-1997
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Fugit, Donna R.
; REGISTRATION NUMBER: 32,135
; REFERENCE/DOCKET NUMBER: P-3690/5510-13
; TELEPHONE: 201-847-7166
; TELEFAX: 201-848-9228
```

```
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
US-08-937-580-9
Query Match 0.5%; Score 10; DB 1; Length 18;
Best Local Similarity 72.2%; Pred. No. 8.3e+02;
Matches 13; Conservative 0; Mismatches 5; Indels 0; Gaps 0;
QY 294 GGTGCTCCTGGAGCTGTT 311
Db 1 GGTGGAGATGGAGATGTT 18
RESULT 750
US-09-336-039-9
; Sequence 9, Application US/09336039
; Patent No. 6291176
; GENERAL INFORMATION:
; APPLICANT: Harris, James M.
; APPLICANT: You, Qimin
; TITLE OF INVENTION: Identification of a DNA Region
; TITLE OF INVENTION: Potentially Useful for the Detection of Mycobacterium
; TITLE OF INVENTION: Kansasii
; NUMBER OF SEQUENCES: 20
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Becton Dickinson and Company
; STREET: 1 Becton Drive
; CITY: Franklin Lakes
; STATE: New Jersey
; COUNTRY: USA
; ZIP: 07417-6800
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.30
; CURRENT APPLICATION NUMBER: US/09/336,039
; FILING DATE: 18-Jun-1999
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/937,580
; FILING DATE: 25-SEP-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Fugit, Donna R.
; REGISTRATION NUMBER: 32,135
; REFERENCE/DOCKET NUMBER: P-3690/5510-13
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 201-847-7166
; TELEFAX: 201-848-9228
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; SEQUENCE DESCRIPTION: SEQ ID NO: 9:
US-09-336-039-9
Query Match 0.5%; Score 10; DB 1; Length 18;
Best Local Similarity 72.2%; Pred. No. 8.3e+02;
Matches 13; Conservative 0; Mismatches 5; Indels 0; Gaps 0;
QY 294 GGTGCTCCTGGAGCTGTT 311
Db 1 GGTGGAGATGGAGATGTT 18
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RESULT 751

US-09-165-264-10/c
; Sequence 10, Application US/09165264
; Patent No. 6197510
; GENERAL INFORMATION:
; APPLICANT: Vinayagamoorthy, Thuraiayah
; TITLE OF INVENTION: Multi-Loci Genomic Analysis
; FILE REFERENCE: 44747
; CURRENT APPLICATION NUMBER: US/09/165,264
; CURRENT FILING DATE: 1998-10-01
; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 10
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:Primer sequence

US-09-165-264-10

Query Match 0.5%; Score 10; DB 1; Length 19;
Best Local Similarity 72.2%; Pred. No. 8.9e+02;
Matches 13; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 274 CTTGACCTGCTGCTGCCG 291
||||| |||||
DB 19 CTTGATAGGTGCTGCAG 2

RESULT 752

US-09-517-467B-308/c
; Sequence 308, Application US/09517467B
; Patent No. 6451602
; GENERAL INFORMATION:
; APPLICANT: Ian Popoff
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF PARP EXPRESSION
; FILE REFERENCE: RTS-0150
; CURRENT APPLICATION NUMBER: US/09/517,467B
; CURRENT FILING DATE: 2001-03-02
; PRIOR APPLICATION NUMBER: 09/517,467
; PRIOR FILING DATE: 2000-03-02
; NUMBER OF SEQ ID NOS: 345
; SEQ ID NO 308
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide

US-09-517-467B-308

Query Match 0.5%; Score 10; DB 1; Length 20;
Best Local Similarity 72.2%; Pred. No. 9.4e+02;
Matches 13; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 1213 GGGGCTGACCCCATCCTT 1230
||||| |||||
DB 18 GGAGCTGTCCTCACACTT 1

RESULT 753

US-09-422-978-7116
; Sequence 7116, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Blumenfeld, Daniel
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850

; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 7116
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..20
; OTHER INFORMATION: upstream amplification primer 99-24210 for SEQ 3182,
US-09-422-978-7116

Query Match 0.5%; Score 10; DB 1; Length 20;
Best Local Similarity 72.2%; Pred. No. 9.4e+02;
Matches 13; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 2144 CACTAAATTCGAAATT 2161
||||| |||||
DB 2 CCTACCAATTCGAAATT 19

RESULT 754

US-08-068-945A-24/c
; Sequence 24, Application US/08068945A
; Patent No. 5616483
; GENERAL INFORMATION:
; APPLICANT: Bjursell, Gunnar
; APPLICANT: Carlsson, Peter
; APPLICANT: Enerback, Sven
; APPLICANT: Hansson, Lennart
; APPLICANT: Lidberg, Ulf
; APPLICANT: Nilsson, Jeanette
; APPLICANT: Tornell, Jan
; TITLE OF INVENTION: New DNA Sequences
; NUMBER OF SEQUENCES: 58
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: White & Case
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: United States
; ZIP: 10036-2787
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/068,945A
; FILING DATE: 27-MAY-1993
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: SE 9201809-2
; FILING DATE: 11-JUN-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: SE 9201826-6
; FILING DATE: 12-JUN-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: SE 9202088-2
; FILING DATE: 03-JUL-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: SE 9300902-5
; FILING DATE: 19-MAR-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Steiner, Richard J.
; REGISTRATION NUMBER: 35,372
; REFERENCE/DOCKET NUMBER: 1103326-052
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212)819-8783

TELEFAX: (212)354-8113
INFORMATION FOR SEQ ID NO: 24:
SEQUENCE CHARACTERISTICS:
LENGTH: 13 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-068-945A-24

Query Match 0.5%; Score 9.8; DB 1; Length 13;
Best Local Similarity 84.6%; Pred. No. 4.4e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1075 ACTCCACTCCAG 1087
DB 13 ACTCACCTCCAG 1

RESULT 755
US-08-456-420-4
Sequence 4, Application US/08456420
Patent No. 5670634
GENERAL INFORMATION:
APPLICANT: Marotta, Charles A.
APPLICANT: Majocha, Ronald E.
APPLICANT: Agrawal, Sudhir
TITLE OF INVENTION: Reversal of Beta/A4 Amyloid
TITLE OF INVENTION: Peptide-Induced Morphological Changes in Neuronal Cells by
TITLE OF INVENTION: Antisense Oligonucleotides
NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESS:
ADDRESSEE: Sterne, Kessler, Goldstein & Fox
STREET: 1100 New York Avenue, N.W.
CITY: Washington
STATE: District of Columbia
COUNTRY: United States of America
ZIP: 20005-3934

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/456,420
FILING DATE:
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/128,035
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Estond, Robert W.
REGISTRATION NUMBER: 32,893
REFERENCE/DOCKET NUMBER: 0609.4010000
TELEPHONE: (202)371-2600
TELEFAX: (202)371-2540
TELEX: 248636 SSK

INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 13 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-456-420-4

Query Match 0.5%; Score 9.8; DB 1; Length 13;
Best Local Similarity 84.6%; Pred. No. 4.4e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 975 GTCCAGCTCTAC 987
DB 1 GTCCAGCTCTAC 13

RESULT 756

US-08-250-740-30
Sequence 30, Application US/08250740
Patent No. 5686240
GENERAL INFORMATION:
APPLICANT: Schuchman, Edward H.
APPLICANT: Desnick, Robert J.
TITLE OF INVENTION: Acid Sphingomyelinase Gene and Diagnosis
TITLE OF INVENTION: of Niemann-Pick Disease
NUMBER OF SEQUENCES: 36
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pennie & Edmonds
STREET: 1155 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: USA
ZIP: 10036

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/250,740
FILING DATE: 27-MAY-1994
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Coruzzi, Laura A.
REGISTRATION NUMBER: 30742
REFERENCE/DOCKET NUMBER: 6923-038
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 790-3090
TELEFAX: (212) 869-8864
TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 30:
SEQUENCE CHARACTERISTICS:
LENGTH: 13 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-250-740-30

Query Match 0.5%; Score 9.8; DB 1; Length 13;
Best Local Similarity 84.6%; Pred. No. 4.4e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1259 CCAACCCCTTCA 1271
DB 1 CCAACCCCTTCA 13

RESULT 757

US-08-250-740-31
Sequence 31, Application US/08250740
Patent No. 5686240
GENERAL INFORMATION:
APPLICANT: Schuchman, Edward H.
APPLICANT: Desnick, Robert J.
TITLE OF INVENTION: Acid Sphingomyelinase Gene and Diagnosis
TITLE OF INVENTION: of Niemann-Pick Disease
NUMBER OF SEQUENCES: 36
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pennie & Edmonds
STREET: 1155 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: USA
ZIP: 10036

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
FILING DATE: 27-MAY-1994
APPLICATION NUMBER: US/08/250,740
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Coruzzi, Laura A.
REGISTRATION NUMBER: 30742
REFERENCE/DOCKET NUMBER: 6923-038
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 790-9090
TELEFAX: (212) 869-8864
TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 31:
SEQUENCE CHARACTERISTICS:
LENGTH: 13 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-250-740-31

Query Match 0.5%; Score 9.8; DB 1; Length 13;
Best Local Similarity 84.6%; Pred. No. 4.4e-02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1259 CCACCCCTTCA 1271
DB 1 CCCTCCCTTCA 13

RESULT 758
US-08-442-806-24/c
Sequence 24, Application US/08442806
Patent No. 5716817
GENERAL INFORMATION:
APPLICANT: Bjursell, Gunnar
APPLICANT: Carlsson, Peter
APPLICANT: Emerback, Sven
APPLICANT: Hansson, Lennart
APPLICANT: Lidberg, Ulf
APPLICANT: Nilsson, Jeanette
APPLICANT: Tornell, Jan
TITLE OF INVENTION: Genomic DNA Sequences
TITLE OF INVENTION: Encoding Human BSSL/CEL
NUMBER OF SEQUENCES: 58
CORRESPONDENCE ADDRESS:
ADDRESSEE: White & Case
STREET: 1155 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: United States
ZIP: 10036-2787
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/442,806
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/068,945
FILING DATE: 27-MAY-1993
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: SE 9201809-2
FILING DATE: 11-JUN-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: SE 9201826-6

FILING DATE: 12-JUN-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: SE 9202088-2
FILING DATE: 03-JUL-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: SE 9300902-5
FILING DATE: 19-MAR-1993
ATTORNEY/AGENT INFORMATION:
NAME: Sterner, Richard J.
REGISTRATION NUMBER: 35,372
REFERENCE/DOCKET NUMBER: 1103326-052
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 819-8783
TELEFAX: (212) 354-8113
INFORMATION FOR SEQ ID NO: 24:
SEQUENCE CHARACTERISTICS:
LENGTH: 13 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-442-806-24

Query Match 0.5%; Score 9.8; DB 1; Length 13;
Best Local Similarity 84.6%; Pred. No. 4.4e-02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1075 AGTCCCACTCCAG 1087
DB 13 ACTCACACTCCAG 1

RESULT 759
US-08-441-887A-268/c
Sequence 268, Application US/08441887A
Patent No. 5837832
GENERAL INFORMATION:
APPLICANT: Chee, Mark
APPLICANT: Cronin, Maureen T.
APPLICANT: Fodor, Stephen P.A.
APPLICANT: Huang, Xiaohua X.
APPLICANT: Hubbell, Earl A.
APPLICANT: Lipschutz, Robert J.
APPLICANT: Lobban, Peter E.
APPLICANT: Morris, Macdonald S.
APPLICANT: Sheldon, Edward L.
TITLE OF INVENTION: Arrays of Nucleic Acid Probes on
TITLE OF INVENTION: Biological Chips
NUMBER OF SEQUENCES: 360
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, 8th Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/441,887A
FILING DATE: 16-MAY-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/143,312
FILING DATE: 26-OCT-1993
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/082,937
FILING DATE: 25-JUN-1993
ATTORNEY/AGENT INFORMATION:

NAME: Liebeschuetz, Joseph O.
REGISTRATION NUMBER: 37,505
REFERENCE/DOCKET NUMBER: 018547-004160US
TELEPHONE: 650-326-2400
TELEFAX: 650-326-2422
INFORMATION FOR SEQ ID NO: 268:
SEQUENCE CHARACTERISTICS:
LENGTH: 13 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (probe)
US-08-441-887A-268

Query Match 0.5%; Score 9.8; DB 1; Length 13;
Best Local Similarity 84.6%; Pred. No. 4.4e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 910 TTCTTGTGCTTT 922
DB 13 TTCTGTGTTCTT 1

RESULT 760
US-08-505-377-7/c
Sequence 7, Application US/08505377
Patent No. 5856146
GENERAL INFORMATION:
APPLICANT: MITSUZUMI, Hitoshi
APPLICANT: KUBOTA, Michio
APPLICANT: SUGIMOTO, Toshiyuki
TITLE OF INVENTION: RECOMBINANT THERMOSTABLE ENZYME WHICH
TITLE OF INVENTION: RELEASES TREHALOSE FROM NON-REDUCING SACCHARIDE
NUMBER OF SEQUENCES: 19
CURRENT APPLICATION DATA:
FILING DATE: 21-JUL-1995
CLASSIFICATION: 435
PRIORITY APPLICATION NUMBER: JP 190180/1994
FILING DATE: 21-JUL-1994
PRIORITY APPLICATION NUMBER: JP 109128/1995
FILING DATE: 11-APR-1995
PRIORITY APPLICATION DATA:
FILING DATE: 04-JUL-1995
ATTORNEY/AGENT INFORMATION:
NAME: Browdy, Roger L
REGISTRATION NUMBER: 25,618
REFERENCE/DOCKET NUMBER: MITSUZUMI=1
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 628-5197
TELEFAX: (202) 737-3528
TELEX: 249688
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 13 base pairs
TYPE: nucleic acid
STRANDEDNESS: single

NAME: Liebeschuetz, Joseph O.
REGISTRATION NUMBER: 37,505
REFERENCE/DOCKET NUMBER: 018547-004160US
TELEPHONE: 650-326-2400
TELEFAX: 650-326-2422
INFORMATION FOR SEQ ID NO: 268:
SEQUENCE CHARACTERISTICS:
LENGTH: 13 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (probe)
US-08-441-887A-268

Query Match 0.5%; Score 9.8; DB 1; Length 13;
Best Local Similarity 84.6%; Pred. No. 4.4e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1063 AACCAAGCTTCA 1075
DB 13 AGCTCAAGCTTCA 1

RESULT 761
US-08-485-689-4/c
Sequence 4, Application US/08485689
Patent No. 5856188
GENERAL INFORMATION:
APPLICANT: Hampel, Arnold E.
APPLICANT: Tritz, Richard H.
TITLE OF INVENTION: RNA CATALYST FOR CLEAVING SPECIFIC RNA SEQUENCES
NUMBER OF SEQUENCES: 90
CURRENT APPLICATION DATA:
FILING DATE: 07-JUN-1995
CLASSIFICATION: 435
PRIORITY APPLICATION NUMBER: US/08/485,689
FILING DATE: 07-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: White, John P.
REGISTRATION NUMBER: 28,678
REFERENCE/DOCKET NUMBER: 43863-CLX/JPW/KJP
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-278-0400
TELEFAX: 212-278-0526
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 13 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: RNA (genomic)
US-08-485-689-4

Query Match 0.5%; Score 9.8; DB 1; Length 13;
Best Local Similarity 84.6%; Pred. No. 4.4e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 784 AACGAGTGTCT 796
DB 13 AACGAGTGTCT 1

RESULT 762
US-08-476-021A-4/c
Sequence 4, Application US/08476021A
Patent No. 5858785
GENERAL INFORMATION:
APPLICANT: Hampel, Arnold E.
APPLICANT: Tritz, Richard H.
TITLE OF INVENTION: RNA CATALYST FOR CLEAVING SPECIFIC RNA SEQUENCES
NUMBER OF SEQUENCES: 90
CURRENT APPLICATION DATA:
FILING DATE: 07-JUN-1995
CLASSIFICATION: 435
PRIORITY APPLICATION NUMBER: US/08/485,689
FILING DATE: 07-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: White, John P.
REGISTRATION NUMBER: 28,678
REFERENCE/DOCKET NUMBER: 43863-CLX/JPW/KJP
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-278-0400
TELEFAX: 212-278-0526
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 13 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: RNA (genomic)
US-08-485-689-4

Query Match 0.5%; Score 9.8; DB 1; Length 13;
Best Local Similarity 84.6%; Pred. No. 4.4e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 784 AACGAGTGTCT 796
DB 13 AACGAGTGTCT 1

RESULT 762
US-08-476-021A-4/c
Sequence 4, Application US/08476021A
Patent No. 5858785
GENERAL INFORMATION:
APPLICANT: Hampel, Arnold E.
APPLICANT: Tritz, Richard H.
TITLE OF INVENTION: RNA CATALYST FOR CLEAVING SPECIFIC RNA SEQUENCES
NUMBER OF SEQUENCES: 90
CURRENT APPLICATION DATA:
FILING DATE: 07-JUN-1995
CLASSIFICATION: 435
PRIORITY APPLICATION NUMBER: US/08/485,689
FILING DATE: 07-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: White, John P.
REGISTRATION NUMBER: 28,678
REFERENCE/DOCKET NUMBER: 43863-CLX/JPW/KJP
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-278-0400
TELEFAX: 212-278-0526
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 13 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: RNA (genomic)
US-08-485-689-4

ADDRESSEE: Cooper & Dunham LLP
STREET: 1185 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: United States Of America
ZIP: 10036
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/476.021A
FILING DATE: 07-JUN-1995
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: White, John P.
REGISTRATION NUMBER: 28,678
REFERENCE/DOCKET NUMBER: 43863-DZ/JPW/KJP
TELEPHONE: 212-278-0400
TELEFAX: 212-278-0526
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 13 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
MOLECULE TYPE: RNA (genomic)
US-08-476-021A-4

Query Match 0.5%; Score 9.8; DB 1; Length 13;
Best Local Similarity 84.6%; Pred. No. 4.4e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 784 AACGAGTGTCT 796
Db 13 AACGTGTCTTCT 1

RESULT 763
US-08-173-489C-56
Sequence 56, Application US/08173489C
Patent No. 5861244
GENERAL INFORMATION:
APPLICANT: WANG, C. -G.
APPLICANT: HEPBURN, A. G.
TITLE OF INVENTION: GENETIC SEQUENCE ASSAY USING DNA
TITLE OF INVENTION: TRIPLE-STRAND FORMATION.
NUMBER OF SEQUENCES: 365
CORRESPONDENCE ADDRESS:
ADDRESSEE: PROFILE DIAGNOSTIC SCIENCES, INC.,
STREET: 510 EAST 73RD STREET,
CITY: NEW YORK
STATE: NEW YORK
COUNTRY: USA
ZIP: 10021.
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch, 1.44mb storage
COMPUTER: IBM PC/XT/AT
OPERATING SYSTEM: MS-DOS version 6.2
SOFTWARE: Wordperfect Version 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/173.489C
FILING DATE: 22 DEC 1993
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/968,436
FILING DATE: 29 OCT 1992
ATTORNEY/AGENT INFORMATION:
NAME: Handelman, Joseph H.
REGISTRATION NUMBER: 26,179
REFERENCE/DOCKET NUMBER: U9518-6

TELECOMMUNICATION INFORMATION:
TELEPHONE: (attorney) (212) 708-1880
TELEFAX: (attorney) (212) 246-8959
INFORMATION FOR SEQ ID NO: 56:
SEQUENCE CHARACTERISTICS:
LENGTH: 13 bases
TYPE: Nucleic Acid
STRANDEDNESS: single stranded
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: third strand derived from HER-2
HYPOTHETICAL: Yes
ANTI-SENSE: No
PUBLICATION INFORMATION:
RELEVANT RESIDUES IN SEQ ID NO: 56 :FROM 1 TO 13
US-08-173-489C-56

Query Match 0.5%; Score 9.8; DB 1; Length 13;
Best Local Similarity 84.6%; Pred. No. 4.4e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 924 CCTTTATCCCTC 936
Db 1 CCTTTCCCTC 13

RESULT 764
US-08-478-608B-4/c
Sequence 4, Application US/08478608B
Patent No. 5869339
GENERAL INFORMATION:
APPLICANT: Hamel, Arnold E.
APPLICANT: Tritz, Richard H.
TITLE OF INVENTION: RNA CATALYST FOR CLEAVING SPECIFIC RNA SEQUENCES
NUMBER OF SEQUENCES: 90
CORRESPONDENCE ADDRESS:
ADDRESSEE: Cooper & Dunham LLP
STREET: 1185 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: United States Of America
ZIP: 10036
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/478,608B
FILING DATE: 07-JUN-1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: White, John P.
REGISTRATION NUMBER: 28,678
REFERENCE/DOCKET NUMBER: 43863-CLZ/JPW/KJP
TELEPHONE: 212-278-0400
TELEFAX: 212-278-0526
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 13 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: RNA (genomic)
US-08-478-608B-4

Query Match 0.5%; Score 9.8; DB 1; Length 13;
Best Local Similarity 84.6%; Pred. No. 4.4e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 784 AACGAGTGTCT 796

Db 13 AACGTGTTCT 1
|||||

RESULT 765
US-08-544-381B-29
; Sequence 29, Application US/08544381B
; Patent No. 6027880
; GENERAL INFORMATION:
; APPLICANT: Cronin, Maureen T.
; APPLICANT: Miyada, Charles Garrett
; APPLICANT: Hubbell, Earl A.
; APPLICANT: Chee, Mark
; APPLICANT: Fodor, Stephen P.A.
; APPLICANT: Huang, Xiaohua C.
; APPLICANT: Lipshutz, Robert J.
; APPLICANT: Lobban, Peter E.
; APPLICANT: Morris, Macdonald S.
; APPLICANT: Sheldon, Edward L.
; TITLE OF INVENTION: Arrays of Nucleic Acid Probes for
; TITLE OF INVENTION: Detecting Cystic Fibrosis
; NUMBER OF SEQUENCES: 250
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, 8th Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/544,381B
; FILING DATE: 10-OCT-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/510,521
; FILING DATE: 02-AUG-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US94/12305
; FILING DATE: 26-OCT-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/284,064
; FILING DATE: 02-AUG-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/143,312
; FILING DATE: 26-OCT-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Liebeschuetz, Joe
; REGISTRATION NUMBER: 37,505
; REFERENCE/DOCKET NUMBER: 018547-004130US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-576-0200
; TELEFAX: 415-576-0300
; INFORMATION FOR SEQ ID NO: 29:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 13 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (oligonucleotide)
US-08-544-381B-29

Query Match 0.5%; Score 9.8; DB 1; Length 13;
Best Local Similarity 84.6%; Pred No. 4.4e-02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 915 TGGTCTTTCCTT 927
|||||
Db 1 TGGTGTTCCTT 13

RESULT 766
US-08-798-269-7/c
; Sequence 7, Application US/08798269
; Patent No. 6027918
; GENERAL INFORMATION:
; APPLICANT: MITSUZUMI, Hitoshi
; APPLICANT: KUBOTA, Michio
; APPLICANT: SUGIMOTO, Toshiyuki
; TITLE OF INVENTION: RECOMBINANT THERMOSTABLE ENZYME WHICH
; TITLE OF INVENTION: RELEASES TREHALOSE FROM NON-REDUCING SACCHARIDE
; NUMBER OF SEQUENCES: 19
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Browdy and Neimark
; STREET: 419 Seventh Street N.W. Ste. 300
; CITY: Washington
; STATE: D.C.
; COUNTRY: U.S.A.
; ZIP: 20004
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/798,269
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/505,377
; FILING DATE: 21-JUL-1995
; APPLICATION NUMBER: JP 190180/1994
; FILING DATE: 21-JUL-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: JP 109128/1995
; FILING DATE: 11-APR-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: JP NOT YET RECEIVED
; FILING DATE: 04-JUL-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Browdy, Roger L.
; REGISTRATION NUMBER: 25,618
; REFERENCE/DOCKET NUMBER: MITSUZUMI-1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 628-5197
; TELEFAX: (202) 737-3528
; TELEX: 249688
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 13 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
US-08-798-269-7

Query Match 0.5%; Score 9.8; DB 1; Length 13;
Best Local Similarity 84.6%; Pred No. 4.4e-02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1063 AACCAAGCTTCA 1075
|||||
Db 13 AGCTCAAGCTTCA 1

RESULT 767
US-08-180-470-36/c
; Sequence 36, Application US/08180470
; Patent No. 6045994
; GENERAL INFORMATION:
; APPLICANT: ZABEAU, Marc
; APPLICANT: VOS, Pieter

;; TITLE OF INVENTION: SELECTIVE RESTRICTION FRAGMENT
;; TITLE OF INVENTION: AMPLIFICATION: A GENERAL METHOD FOR DNA
;; NUMBER OF SEQUENCES: 90
;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: Burns, Doane, Swecker & Mathis
;; STREET: The George Mason Bldg., Washington & Prince
;; STREET: Sts.
;; CITY: Alexandria
;; STATE: Virginia
;; COUNTRY: United States
;; ZIP: 22313-1404
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: Floppy disk
;; COMPUTER: IBM PC compatible
;; OPERATING SYSTEM: PC-DOS/MS-DOS
;; SOFTWARE: Patentin Release #1.0, Version #1.25
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/08/180,470
;; FILING DATE:
;; CLASSIFICATION:
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: 07/950,011
;; FILING DATE:
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Crane-Feury, Sharon E
;; REGISTRATION NUMBER: 36,113
;; REFERENCE/DOCKET NUMBER: 010830-031
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (703) 836-6620
;; TELEFAX: (703) 836-2021
;; INFORMATION FOR SEQ ID NO: 36:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 13 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; MOLECULE TYPE: DNA (genomic)
US-08-180-470-36

Query Match 0.5%; Score 9.8; DB 1; Length 13;
Best Local Similarity 84.6%; Pred. No. 4.4e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1225 ATCCTTCGACAG 1237
|||||
Db 13 ATCCATCGTCAG 1

RESULT 768
US-09-091-058-16
; Sequence 16, Application US/09091058
; Patent No. 6054285
; GENERAL INFORMATION:
; APPLICANT: Hemmings, Brian A.
; TITLE OF INVENTION: Screening Method
; FILE REFERENCE: 4-20683/A/20684/PCT
; CURRENT APPLICATION NUMBER: US/09/091,058
; CURRENT FILING DATE: 1998-06-10
; EARLIER APPLICATION NUMBER: PCT/EP96/04814
; EARLIER FILING DATE: 1996-11-05
; EARLIER APPLICATION NUMBER: 9525703.6
; EARLIER FILING DATE: 1995-12-15
; NUMBER OF SEQ ID NOS: 23
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 16
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: Oligonucleotide Linker
US-09-091-058-16

Query Match 0.5%; Score 9.8; DB 1; Length 13;
Best Local Similarity 84.6%; Pred. No. 4.4e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1013 CTGAAAAGAGGG 1025
|||||
Db 1 CTGCAAAAGACGG 13

RESULT 769
US-08-913-833-108
; Sequence 108, Application US/08913833
; Patent No. 6087093
; GENERAL INFORMATION:
; APPLICANT: STUYVER, LIEVEN
; APPLICANT: LOUWAGIE, JOOST
; APPLICANT: ROSSAU, RUDI
; TITLE OF INVENTION: METHOD FOR DETECTION OF DRUG-INDUCED
; TITLE OF INVENTION: MUTATIONS IN THE REVERSE TRANSCRIPTASE GENE
; NUMBER OF SEQUENCES: 164
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: ARNOLD, WHITE & DURKEE
; STREET: P.O. BOX 4433
; CITY: HOUSTON
; STATE: TEXAS
; COUNTRY: USA
; ZIP: 77210-4433
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Microsoft Word 6.0 / ASCII text output
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/913,833
; FILING DATE: 15 Sep 1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/EP97/00211
; FILING DATE: 17 Jan 1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP 96870005.4
; FILING DATE: 26 Jan 1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP 96870081.5
; FILING DATE: 25 Jun 1996
; ATTORNEY/AGENT INFORMATION:
; NAME: KAMMERER, PATRICIA A.
; REGISTRATION NUMBER: 29,775
; REFERENCE/DOCKET NUMBER: INNS:008
; INFORMATION FOR SEQ ID NO: 108:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 13 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
US-08-913-833-108

Query Match 0.5%; Score 9.8; DB 1; Length 13;
Best Local Similarity 84.6%; Pred. No. 4.4e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1213 GGGGCTGACCCCA 1225
|||||
Db 1 GGGACTGACCACA 13

RESULT 770
US-08-476-423A-4/c
; Sequence 4, Application US/08476423A
; Patent No. 6221661

GENERAL INFORMATION:
; APPLICANT: Hampel, Arnold E.
; APPLICANT: Tritz, Richard H.
; TITLE OF INVENTION: RNA CATALYST FOR CLEAVING SPECIFIC RNA SEQUENCES
; NUMBER OF SEQUENCES: 90
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Cooper & Dunham LLP
; STREET: 1185 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: United States Of America
; ZIP: 10036
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/476,423A
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 536
; ATTORNEY/AGENT INFORMATION:
; NAME: White, John P.
; REGISTRATION NUMBER: 28,678
; REFERENCE/DOCKET NUMBER: 43863-C2/JPW/KJP
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212-278-0400
; TELEFAX: 212-278-0526
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 13 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: RNA (genomic)
US-08-476-423A-4

Query Match 0.5%; Score 9.8; DB 1; Length 13;
Best Local Similarity 84.6%; Pred. No. 4.4e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 784 AACGAGTGTCT 796
Db 13 AACGTGTCTTCT 1

RESULT 771
US-09-124-238A-5/c
; Sequence 5, Application US/09124238A
; Patent No. 6300127
; GENERAL INFORMATION:
; APPLICANT: Hair, Gregory A.
; APPLICANT: Boden, Scott D.
; TITLE OF INVENTION: No. 6300127el Bone Mineralization Proteins, DNA, Vectors,
; FILE REFERENCE: 06148.0115
; CURRENT APPLICATION NUMBER: US/09/124,238A
; CURRENT FILING DATE: 1998-07-29
; PRIOR APPLICATION NUMBER: 60/054,219
; PRIOR FILING DATE: 1997-07-30
; PRIOR APPLICATION NUMBER: 60/080,407
; PRIOR FILING DATE: 1998-04-02
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: MS Word
; SEQ ID NO 5
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Differential Display PCR Primer
US-09-124-238A-5

Query Match 0.5%; Score 9.8; DB 1; Length 13;

Best Local Similarity 84.6%; Pred. No. 4.4e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1061 CAAACCCAGCTT 1073
Db 13 CATAGCCAGCTT 1

RESULT 772
US-08-778-794A-87
; Sequence 87, Application US/08778794A
; Patent No. 6309823
; GENERAL INFORMATION:
; APPLICANT: Cronin, Maureen T.
; APPLICANT: Miyada, Charles Garrett
; APPLICANT: Hubbell, Earl A.
; APPLICANT: Chee, Mark
; APPLICANT: Fodor, Stephen P.A.
; APPLICANT: Huang, Xiaohua C.
; APPLICANT: Lipschutz, Robert J.
; APPLICANT: Lobban, Peter E.
; APPLICANT: Morris, MacDonald S.
; APPLICANT: Sheldon, Edward L.
; TITLE OF INVENTION: Arrays of Nucleic Acid Probes
; TITLE OF INVENTION: for Analyzing Biotransformation Genes
; NUMBER OF SEQUENCES: 156
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: CA
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/778,794A
; FILING DATE: 03-JAN-1997
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/143,312
; FILING DATE: 26-OCT-1993
; APPLICATION NUMBER: US 08/284,064
; FILING DATE: 02-AUG-1994
; APPLICATION NUMBER: WO PCT/US94/12305
; FILING DATE: 26-OCT-1994
; APPLICATION NUMBER: US 08/510,521
; FILING DATE: 02-AUG-1995
; APPLICATION NUMBER: US 08/544,381
; FILING DATE: 10-OCT-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Liebeschuetz, Joe
; REGISTRATION NUMBER: 37,505
; REFERENCE/DOCKET NUMBER: 018547-01570005
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0200
; TELEX:
; INFORMATION FOR SEQ ID NO: 87:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 13 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
US-08-778-794A-87

Query Match 0.5%; Score 9.8; DB 1; Length 13;
Best Local Similarity 84.6%; Pred. No. 4.4e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 915 TGGTCTTTGCCCT 927
|||||
Db 1 TGGTGTTCGCCCT 13

RESULT 773
US-09-580-794C-108
; Sequence 108, Application US/09580794C
; Patent No. 6331389
; GENERAL INFORMATION:
; APPLICANT: Stuyver, Lieven
; APPLICANT: Louwaghe, Joost
; APPLICANT: Rossau, Rudi
; TITLE OF INVENTION: METHOD FOR DETECTION OF DRUG-INDUCED MUTATIONS IN THE REVERSE
; TITLE OF INVENTION: TRANSCRIPTASE GENE
; FILE REFERENCE: INNS008--2
; CURRENT APPLICATION NUMBER: US/09/580,794C
; CURRENT FILING DATE: 2000-05-30
; PRIOR APPLICATION NUMBER: 08/913,833 now US/6,087,093
; PRIOR FILING DATE: 1997-09-15
; PRIOR APPLICATION NUMBER: PCT/EP 97/00211
; PRIOR FILING DATE: 1997-01-17
; PRIOR APPLICATION NUMBER: EP 96870005.4
; PRIOR FILING DATE: 1996-01-26
; PRIOR APPLICATION NUMBER: EP 96870081.5
; PRIOR FILING DATE: 1996-06-25
; NUMBER OF SEQ ID NOS: 164
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 108
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Primer
US-09-580-794C-108

Query Match 0.5%; Score 9.8; DB 1; Length 13;
Best Local Similarity 84.6%; Pred. No. 4.4e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1213 GGGGCTGACCCCA 1225
|||||
Db 1 GGGACTGACCACA 13

RESULT 774
US-08-981-988A-39/c
; Sequence 39, Application US/08981988A
; Patent No. 6337194
; GENERAL INFORMATION:
; APPLICANT: Vittal Mallaya Scientific Research Foundation
; APPLICANT: The University of Leicester
; TITLE OF INVENTION: Insulin
; NUMBER OF SEQUENCES: 43
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: VITTAL MALLAYA SCIENTIFIC RESEARCH FOUNDATION
; STREET: K. R. ROAD
; CITY: BANGALORE
; COUNTRY: INDIA
; ZIP: 560 004
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.30 (BPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/981,988A
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: GB 9513967.1
; FILING DATE: 08-JUL-1995

; INFORMATION FOR SEQ ID NO: 39:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 13 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
US-08-981-988A-39

Query Match 0.5%; Score 9.8; DB 1; Length 13;
Best Local Similarity 84.6%; Pred. No. 4.4e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1068 AAGCTTCAGTCCC 1080
|||||
Db 13 AAGCTTCAGCTC 1

RESULT 775
US-09-055-210-7/c
; Sequence 7, Application US/09055210
; Patent No. 6346394
; GENERAL INFORMATION:
; APPLICANT: MITSUZUMI, Hitoshi
; APPLICANT: KUBOTA, Michio
; APPLICANT: SUGIMOTO, Toshiyuki
; TITLE OF INVENTION: RECOMBINANT THERMOSTABLE ENZYME WHICH
; TITLE OF INVENTION: RELEASES TREHALOSE FROM NON-REDUCING SACCHARIDE
; NUMBER OF SEQUENCES: 19
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Browdy and Neimark
; STREET: 419 Seventh Street N.W. Ste. 300
; CITY: Washington
; STATE: D.C.
; COUNTRY: U.S.A.
; ZIP: 20004
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/055,210
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/505,377
; FILING DATE: 21-JUL-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: JP 109128/1995
; FILING DATE: 11-APR-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: JP NOT YET RECEIVED
; FILING DATE: 04-JUL-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Browdy, Roger L
; REGISTRATION NUMBER: 25,618
; REFERENCE/DOCKET NUMBER: MITSUZUMI=1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 628-5197
; TELEFAX: (202) 737-3528
; TELEX: 249688
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 13 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
US-09-055-210-7

Query Match 0.5%; Score 9.8; DB 1; Length 13;
Best Local Similarity 84.6%; Pred. No. 4.4e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

```
QY 1063 AACCAAGCTTCA 1075
Db 13 AGCTCAAGCTTCA 1

RESULT 776
US-09-721-975-5/c
; Sequence 5, Application US/09721975
; Patent No. 644803
; GENERAL INFORMATION:
; APPLICANT: Hair, Gregory A.
; APPLICANT: Boden, Scott D.
; TITLE OF INVENTION: No. 644803el Bone Mineralization Proteins, DNA, Vectors,
; FILE OF INVENTION: Expression Systems
; FILE REFERENCE: 06148.0115
; CURRENT APPLICATION NUMBER: US/09/721,975
; CURRENT FILING DATE: 2000-11-27
; PRIOR APPLICATION NUMBER: US 09/124,238
; PRIOR FILING DATE: 1998-07-29
; PRIOR APPLICATION NUMBER: 60/054,219
; PRIOR FILING DATE: 1997-07-30
; PRIOR APPLICATION NUMBER: 60/080,407
; PRIOR FILING DATE: 1998-04-02
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: MS Word
; SEQ ID NO 5
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Differential Display PCR Primer
US-09-721-975-5

Query Match 0.5%; Score 9.8; DB 1; Length 13;
Best Local Similarity 84.6%; Pred. No. 4.4e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1061 CAACCCAGCTT 1073
Db 13 CATAGCCAAGCTT 1

RESULT 777
US-09-179-162A-4
; Sequence 4, Application US/09179162A
; Patent No. 6485901
; GENERAL INFORMATION:
; APPLICANT: Gildea, Brian D.
; APPLICANT: Coull, James M.
; APPLICANT: Hyldig-Nielsen, Jens J.
; APPLICANT: Fiandaca, Mark J.
; TITLE OF INVENTION: Methods, Kits and Compositions Pertaining To Linear
; FILE OF INVENTION: Beacons
; FILE REFERENCE: BP970305
; CURRENT APPLICATION NUMBER: US/09/179,162A
; CURRENT FILING DATE: 1998-10-26
; PRIOR APPLICATION NUMBER: 60/063,283
; PRIOR FILING DATE: 1997-10-27
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 4
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)
; OTHER INFORMATION: 5' Fluorescein
; NAME/KEY: misc_feature
; LOCATION: (13)
; OTHER INFORMATION: 3' Dabcyl
; OTHER INFORMATION: Description of Artificial Sequence: SYNTHETIC
US-09-179-162A-4

Query Match 0.5%; Score 9.8; DB 1; Length 13;
Best Local Similarity 84.6%; Pred. No. 4.4e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 303 GGAGCTGTGGTG 315
Db 13 GGAGCTGTGGCG 1

RESULT 779
US-09-986-621-5/c
; Sequence 5, Application US/09986621
; Patent No. 6521750
; GENERAL INFORMATION:
; APPLICANT: Hair, Gregory A.
; APPLICANT: Boden, Scott D.
; TITLE OF INVENTION: No. 6521750el Bone Mineralization Proteins, DNA, Vectors,
; FILE OF INVENTION: Expression Systems
; FILE REFERENCE: 06148.0115
; CURRENT APPLICATION NUMBER: US/09/986,621
; CURRENT FILING DATE: 2001-11-09
; PRIOR APPLICATION NUMBER: 09/124,238
; PRIOR FILING DATE: 1998-07-29
; PRIOR APPLICATION NUMBER: 60/080,407
```

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; PRIOR FILING DATE: 1998-04-02
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: MS Word
; SEQ ID NO 5
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Differential Display PCR Primer
US-09-986-621-5

Query Match      0.5%; Score 9.8; DB 1; Length 13;
Best Local Similarity 84.6%; Pred. No. 4.4e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1061 CAAACCCAGCTT 1073
Db 13 CATAGCCAGCTT 1

RESULT 780
US-08-192-943-21
; Sequence 21, Application US/08192943
; Patent No. 6544755
; GENERAL INFORMATION:
; APPLICANT: James D. Thompson
; APPLICANT: Kenneth G. Draper
; TITLE OF INVENTION: METHOD AND REAGENT FOR
; TITLE OF INVENTION: TREATMENT OF DISEASES CAUSED
; TITLE OF INVENTION: BY EXPRESSION OF THE C-MYC
; TITLE OF INVENTION: GENE
; NUMBER OF SEQUENCES: 41
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 611 West Sixth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: USA
; ZIP: 90017
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb storage
; COMPUTER: IBM compatible
; OPERATING SYSTEM: IBM P.C. DOS (Version 5.0)
; SOFTWARE: WordPerfect (Version 5.1)
; CURRENT APPLICATION DATA: US/08/192,943
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/07/936,422
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/POCKET NUMBER: 197/241
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 21:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 13
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-192-943-21

Query Match      0.5%; Score 9.8; DB 1; Length 13;
Best Local Similarity 84.6%; Pred. No. 4.4e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1049 AGCCCTGGCCCC 1061
Db 13 CATAGCCAGCTT 1
```

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Db 1 AGCCCGGAGCCCC 13

RESULT 781
US-09-874-601-52
; Sequence 52, Application US/09874601
; Patent No. 6632057
; GENERAL INFORMATION:
; APPLICANT: LEWIN, ALFRED S.
; APPLICANT: SHAW, LYNN C.
; APPLICANT: GRANT, MARIA B.
; TITLE OF INVENTION: ADENO-ASSOCIATED VIRUS-DELIVERED RIBOZYME COMPOSITIONS AND METH
; TITLE OF INVENTION: THE TREATMENT OF RETINAL DISEASES
; FILE REFERENCE: 4300.014100
; CURRENT APPLICATION NUMBER: US/09/874,601
; CURRENT FILING DATE: 2001-05-01
; PRIOR APPLICATION NUMBER: 09/063,667
; PRIOR FILING DATE: 1998-04-21
; PRIOR APPLICATION NUMBER: 60/046,147
; PRIOR FILING DATE: 1997-05-09
; PRIOR APPLICATION NUMBER: 60/044,492
; PRIOR FILING DATE: 1997-04-21
; NUMBER OF SEQ ID NOS: 182
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 52
; LENGTH: 13
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)..(7)
; OTHER INFORMATION: SYNTHETIC OLIGONUCLEOTIDE
US-09-874-601-52

Query Match      0.5%; Score 9.8; DB 1; Length 13;
Best Local Similarity 61.5%; Pred. No. 4.4e+02;
Matches 8; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 1036 GGAAGTACTACTA 1048
Db 1 GAAUCUACUACUA 13

RESULT 782
US-09-950-459-4
; Sequence 4, Application US/09950459
; Patent No. 6649349
; GENERAL INFORMATION:
; APPLICANT: Gildea, Brian D.
; APPLICANT: Coull, James M.
; APPLICANT: Hyldig-Nielsen, Jens J.
; APPLICANT: Elandaca, Mark J.
; TITLE OF INVENTION: Methods, Kits and Compositions Pertaining To Linear
; TITLE OF INVENTION: Beacons
; FILE REFERENCE: BP9703US-DV1
; CURRENT APPLICATION NUMBER: US/09/950,459
; CURRENT FILING DATE: 2001-09-10
; PRIOR APPLICATION NUMBER: 60/063,283
; PRIOR FILING DATE: 1997-10-27
; PRIOR APPLICATION NUMBER: 09/179,162
; PRIOR FILING DATE: 1998-10-26
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 4
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)
; OTHER INFORMATION: 5' Fluorescein
; NAME/KEY: misc_feature
; LOCATION: (13)
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OTHER INFORMATION: 3' Dabcyl
OTHER INFORMATION: Description of Artificial Sequence: SYNTHETIC
OTHER INFORMATION: PROBE OR TARGET
US-09-950-459-4

Query Match 0.5%; Score 9.8; DB 1; Length 13;
Best Local Similarity 84.6%; Pred. No. 4.4e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1134 CACCTCCAGCTCC 1146
| | | | | | | | | | | | |
Db 1 CGCCACGAGCTCC 13

RESULT 783

US-09-950-459-4/c
Sequence 4, Application US/09950459
Patent No. 6649349
GENERAL INFORMATION:
APPLICANT: Gildea, Brian D.
APPLICANT: Coull, James M.
APPLICANT: Hyldeg-Nielsen, Jens J.
APPLICANT: Flandaca, Mark J.
TITLE OF INVENTION: Methods, Kits and Compositions Pertaining To Linear
TITLE OF INVENTION: Beacons
FILE REFERENCE: BP9703US-DV1
CURRENT APPLICATION NUMBER: US/09/950,459
CURRENT FILING DATE: 2001-09-10
PRIOR APPLICATION NUMBER: 60/063,283
PRIOR FILING DATE: 1997-10-27
PRIOR APPLICATION NUMBER: 09/179,162
PRIOR FILING DATE: 1998-10-26
NUMBER OF SEQ ID NOS: 10
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 4
LENGTH: 13
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
NAME/KEY: misc_feature
LOCATION: (1)
OTHER INFORMATION: 5' Fluorescein
NAME/KEY: misc_feature
LOCATION: (13)
OTHER INFORMATION: 3' Dabcyl
OTHER INFORMATION: Description of Artificial Sequence: SYNTHETIC
OTHER INFORMATION: PROBE OR TARGET
US-09-950-459-4

Query Match 0.5%; Score 9.8; DB 1; Length 13;
Best Local Similarity 84.6%; Pred. No. 4.4e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 303 GGAGCTGTGGTG 315
| | | | | | | | | | | | |
Db 13 GGAGCTGTGGTG 1

RESULT 784

US-08-142-785-3/c
Sequence 3, Application US/08142785
Patent No. 5434257
GENERAL INFORMATION:
APPLICANT: MATTEUCCI, MARK D.
APPLICANT: CAO, XIAODONG
TITLE OF INVENTION: BINDING COMPETENT OLIGOMERS CONTAINING
TITLE OF INVENTION: UNSATURATED 3',5' AND 2',5' LINKAGES
NUMBER OF SEQUENCES: 13
CORRESPONDENCE ADDRESS:
ADDRESSEE: GILEAD SCIENCES
STREET: 353 Lakeside Drive
CITY: Foster City
STATE: California

COUNTRY: USA
ZIP: 94404
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/142,785
FILING DATE: 26-OCT-1993
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: MUENCHAU, DARYL D.
REGISTRATION NUMBER: 36,616
REFERENCE/DOCKET NUMBER: 169.2
TELEPHONE: (415) 574-3000
TELEFAX: (415) 578-9264
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 14 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
FEATURE:
NAME/KEY: misc_difference
LOCATION: replace(6, "")
OTHER INFORMATION: /note= "This position is C with
OTHER INFORMATION: CH2-CH2-O linkage."
FEATURE:
NAME/KEY: misc_difference
LOCATION: replace(8, "")
OTHER INFORMATION: /note= "This position is C with
OTHER INFORMATION: CH2-CH2-O linkage."
US-08-142-785-3

Query Match 0.5%; Score 9.8; DB 1; Length 14;
Best Local Similarity 84.6%; Pred. No. 5.4e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1017 AAAAGAGGGGGAG 1029
| | | | | | | | | | | | |
Db 14 AAAAGAGAGAGAG 2

RESULT 785

US-07-874-334-6/c
Sequence 6, Application US/07874334
Patent No. 5495009
GENERAL INFORMATION:
APPLICANT: MATTEUCCI, MARK
APPLICANT: JONES, BOB
APPLICANT: LIN, KUEI-YING
TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGS CONTAINING
TITLE OF INVENTION: THIOFORMACETAL LINKAGES
NUMBER OF SEQUENCES: 18
CORRESPONDENCE ADDRESS:
ADDRESSEE: MORRISON & FOERSTER
STREET: 755 Page Mill Road
CITY: Palo Alto
STATE: California
COUNTRY: USA
ZIP: 94304-1018
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/874,334
FILING DATE: 19920424
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:


```

; NAME: MURASHIGE, KATE H.
; REGISTRATION NUMBER: 29,959
; REFERENCE/DOCKET NUMBER: 24610-20005.24
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 813-5600
; TELEFAX: (415) 494-0792
; TELEX: 706141
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
; FEATURE:
; NAME/KEY: misc_difference
; LOCATION: replace(4,"")
; OTHER INFORMATION: /note= "This position is
; OTHER INFORMATION: 5-methylcytosine."
; FEATURE:
; NAME/KEY: misc_difference
; LOCATION: replace(4.5,"")
; OTHER INFORMATION: /note= "This position indicates a
; OTHER INFORMATION: phosphodiester linkage."
; FEATURE:
; NAME/KEY: misc_difference
; LOCATION: replace(6,"")
; OTHER INFORMATION: /note= "This position is
; OTHER INFORMATION: 5-methylcytosine."
; FEATURE:
; NAME/KEY: misc_difference
; LOCATION: replace(6.7,"")
; OTHER INFORMATION: /note= "This position indicates a
; OTHER INFORMATION: phosphodiester linkage."
; FEATURE:
; NAME/KEY: misc_difference
; LOCATION: replace(8,"")
; OTHER INFORMATION: /note= "This position is
; OTHER INFORMATION: 5-methylcytosine."
; FEATURE:
; NAME/KEY: misc_difference
; LOCATION: replace(8.9,"")
; OTHER INFORMATION: /note= "This position indicates a
; OTHER INFORMATION: phosphodiester linkage."
; US-07-874-334-6
;
; Query Match 0.5%; Score 9.8; DB 1; Length 14;
; Best Local Similarity 84.6%; Pred. No. 5.4e+02;
; Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
;
; QY 1017 AAAAGAGGGGAG 1029
; DB 14 AAAAGAGAGAG 2
;
; RESULT 786
; US-07-874-334-7/c
; Sequence 7, Application US/07874334
; Patent No. 5495009
; GENERAL INFORMATION:
; APPLICANT: MATTEUCCI, MARK
; APPLICANT: JONES, BOB
; APPLICANT: LIN, KUEI-YING
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGS CONTAINING
;
; TITLE OF INVENTION: THIOFORMACETAL LINKAGES
; NUMBER OF SEQUENCES: 18
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORRISON & FOERSTER
; STREET: 755 Page Mill Road
; CITY: Palo Alto
; STATE: California
; COUNTRY: USA
; ZIP: 94304-1018
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/874,334
; FILING DATE: 19920424
; CLASSIFICATION: 536
; ATTORNEY/AGENT INFORMATION:
; NAME: MURASHIGE, KATE H.
; REGISTRATION NUMBER: 29,959
; REFERENCE/DOCKET NUMBER: 24610-20005.24
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 813-5600
; TELEFAX: (415) 494-0792
; TELEX: 706141
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
; FEATURE:
; NAME/KEY: misc_difference
; LOCATION: replace(4,"")
; OTHER INFORMATION: /note= "This position is
; OTHER INFORMATION: 5-methylcytosine."
; FEATURE:
; NAME/KEY: misc_difference
; LOCATION: replace(4.5,"")
; OTHER INFORMATION: /note= "This position indicates a
; OTHER INFORMATION: methylphosphonate linkage."
; FEATURE:
; NAME/KEY: misc_difference
; LOCATION: replace(6,"")
; OTHER INFORMATION: /note= "This position indicates a
; OTHER INFORMATION: methylphosphonate linkage."
; FEATURE:
; NAME/KEY: misc_difference
; LOCATION: replace(6.7,"")
; OTHER INFORMATION: /note= "This position indicates a
; OTHER INFORMATION: methylphosphonate linkage."
; FEATURE:
; NAME/KEY: misc_difference
; LOCATION: replace(8,"")
; OTHER INFORMATION: /note= "This position is
; OTHER INFORMATION: 5-methylcytosine."
; FEATURE:
; NAME/KEY: misc_difference
; LOCATION: replace(8.9,"")
; OTHER INFORMATION: /note= "This position indicates a
; OTHER INFORMATION: methylphosphonate linkage."
; US-07-874-334-7
;
; Query Match 0.5%; Score 9.8; DB 1; Length 14;
; Best Local Similarity 84.6%; Pred. No. 5.4e+02;
; Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
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Qy 1017 AAAAGAGGGGAG 1029
 Db 14 AAAAGAGAGAG 2

RESULT 787

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US-07-874-334-8/c
; Sequence 8, Application US/07874334
; Patent No. 5495009
; GENERAL INFORMATION:
; APPLICANT: MATTEUCCI, MARK
; APPLICANT: JONES, BOB
; APPLICANT: LIN, KUEI-YING
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGS CONTAINING
; TITLE OF INVENTION: THIOFORMACETAL LINKAGES
; NUMBER OF SEQUENCES: 18
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORRISON & FOERSTER
; STREET: 755 Page Mill Road
; CITY: Palo Alto
; STATE: California
; COUNTRY: USA
; ZIP: 94304-1018
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/874,334
; FILING DATE: 19920424
; CLASSIFICATION: 536
; ATTORNEY/AGENT INFORMATION:
; NAME: MURASHIGE, KATE H.
; REGISTRATION NUMBER: 29,959
; REFERENCE/DOCKET NUMBER: 24610-20005.24
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 813-5600
; TELEFAX: (415) 494-0792
; TELEX: 706141
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
; FEATURE:
; NAME/KEY: misc_difference
; LOCATION: replace(4..5, "")
; OTHER INFORMATION: /note= "This position indicates a
; OTHER INFORMATION: /note= "This position indicates a
; OTHER INFORMATION: methoxyethyl amide linkage."
; FEATURE:
; NAME/KEY: misc_difference
; LOCATION: replace(6..7, "")
; OTHER INFORMATION: /note= "This position is
; OTHER INFORMATION: /note= "This position is
; OTHER INFORMATION: 5-methylcytosine."
; FEATURE:
; NAME/KEY: misc_difference
; LOCATION: replace(6..7, "")
; OTHER INFORMATION: /note= "This position indicates a
; OTHER INFORMATION: /note= "This position indicates a
; OTHER INFORMATION: methoxyethyl amide linkage."
; FEATURE:
; NAME/KEY: misc_difference
; LOCATION: replace(8, "")
; OTHER INFORMATION: /note= "This position is
; OTHER INFORMATION: /note= "This position is
; OTHER INFORMATION: 5-methylcytosine."
; FEATURE:
; NAME/KEY: misc_difference
; LOCATION: replace(4..5, "")

```

```

; LOCATION: replace(8..9, "")
; OTHER INFORMATION: /note= "This position indicates a
; OTHER INFORMATION: methoxyethyl amide linkage."
; FEATURE:
; NAME/KEY: misc_difference
; LOCATION: replace(10, "")
; OTHER INFORMATION: /note= "This position is
; OTHER INFORMATION: /note= "This position is
; OTHER INFORMATION: 5-methylcytosine."
; FEATURE:
; NAME/KEY: misc_difference
; LOCATION: replace(10..11, "")
; OTHER INFORMATION: /note= "This position indicates a
; OTHER INFORMATION: /note= "This position indicates a
; OTHER INFORMATION: methoxyethyl amide linkage."
; US-07-874-334-8
; Query Match 0.5%; Score 9.8; DB 1; Length 14;
; Best Local Similarity 84.6%; Pred. No. 5.4e+02;
; Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
; QY 1017 AAAAGAGGGGAG 1029
; Db 14 AAAAGAGAGAG 2
; RESULT 788
; US-07-874-334-9/c
; Sequence 9, Application US/07874334
; Patent No. 5495009
; GENERAL INFORMATION:
; APPLICANT: MATTEUCCI, MARK
; APPLICANT: JONES, BOB
; APPLICANT: LIN, KUEI-YING
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGS CONTAINING
; TITLE OF INVENTION: THIOFORMACETAL LINKAGES
; NUMBER OF SEQUENCES: 18
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORRISON & FOERSTER
; STREET: 755 Page Mill Road
; CITY: Palo Alto
; STATE: California
; COUNTRY: USA
; ZIP: 94304-1018
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/874,334
; FILING DATE: 19920424
; CLASSIFICATION: 536
; ATTORNEY/AGENT INFORMATION:
; NAME: MURASHIGE, KATE H.
; REGISTRATION NUMBER: 29,959
; REFERENCE/DOCKET NUMBER: 24610-20005.24
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 813-5600
; TELEFAX: (415) 494-0792
; TELEX: 706141
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
; FEATURE:
; NAME/KEY: misc_difference
; LOCATION: replace(4, "")
; OTHER INFORMATION: /note= "This position is
; OTHER INFORMATION: /note= "This position is
; OTHER INFORMATION: 5-methylcytosine."
; FEATURE:
; NAME/KEY: misc_difference
; LOCATION: replace(4..5, "")

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OTHER INFORMATION: /note= "This position indicates a
OTHER INFORMATION: formacetal linkage."
FEATURE:
NAME/KEY: misc_difference
LOCATION: replace(6, "")
OTHER INFORMATION: /note= "This position is
OTHER INFORMATION: 5-methylcytosine."
FEATURE:
NAME/KEY: misc_difference
LOCATION: replace(6, 7, "")
OTHER INFORMATION: /note= "This position indicates a
OTHER INFORMATION: formacetal linkage."
FEATURE:
NAME/KEY: misc_difference
LOCATION: replace(8, "")
OTHER INFORMATION: /note= "This position is
OTHER INFORMATION: 5-methylcytosine."
FEATURE:
NAME/KEY: misc_difference
LOCATION: replace(10, "")
OTHER INFORMATION: /note= "This position is
OTHER INFORMATION: 5-methylcytosine."
FEATURE:
NAME/KEY: misc_difference
LOCATION: replace(10, 11, "")
OTHER INFORMATION: /note= "This position indicates a
OTHER INFORMATION: formacetal linkage."
US-07-874-334-9

Query Match 0.5%; Score 9.8; DB 1; Length 14;
Best Local Similarity 84.6%; Pred. No. 5.4e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1017 AAAAGAGGGGAG 1029
DB 14 AAAAGAGAGAG 2

RESULT 789
US-07-874-334-11/c
Sequence 11, Application US/07874334
Patent No. 5495009
GENERAL INFORMATION:
APPLICANT: MATTEUCCI, MARK
APPLICANT: JONES, BOB
APPLICANT: LIN, KUEI-YING
TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGS CONTAINING
TITLE OF INVENTION: THIOFORMACETAL LINKAGES
NUMBER OF SEQUENCES: 18
CORRESPONDENCE ADDRESS:
ADDRESSEE: MORRISON & FOERSTER
STREET: 755 Page Mill Road
CITY: Palo Alto
STATE: California
COUNTRY: USA
ZIP: 94304-1018
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/874,334
FILING DATE: 19920424
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: MURASHIGE, KATE H.
REGISTRATION NUMBER: 29,959

REFERENCE/DOCKET NUMBER: 24610-20005.24
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 813-5600
TELEFAX: (415) 494-0792
TELEX: 706141
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
LENGTH: 14 base pairs
TYPE: NUCLEIC ACID
STRANDEDNESS: single
TOPOLOGY: linear
US-07-874-334-11
Query Match 0.5%; Score 9.8; DB 1; Length 14;
Best Local Similarity 84.6%; Pred. No. 5.4e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 1017 AAAAGAGGGGAG 1029
DB 14 AAAAGAGAGAG 2
RESULT 790
US-08-303-004-13
Sequence 13, Application US/08303004
Patent No. 5556955
GENERAL INFORMATION:
APPLICANT: Vergnaud, Gilles
TITLE OF INVENTION: Process for Detection of New Polymor-
TITLE OF INVENTION: phic Loci in an ADN Sequence, Nucleotide Sequences Forming
TITLE OF INVENTION: Hybridisation Probes and Their Biological Applications
NUMBER OF SEQUENCES: 38
CORRESPONDENCE ADDRESS:
ADDRESSEE: Oliff & Berridge
STREET: P.O. Box 19928
CITY: Alexandria
STATE: Virginia
COUNTRY: U.S.A
ZIP: 22320
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/303,004
FILING DATE:
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/07/931,311B
FILING DATE: 19920818
ATTORNEY/AGENT INFORMATION:
NAME: Berridge, William P.
REGISTRATION NUMBER: 30,024
REFERENCE/DOCKET NUMBER: WPB 28264
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 836-6400
TELEFAX: (703) 836-2787
TELEX: 90-1799 PTO ALEX
INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
LENGTH: 14 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-08-303-004-13
Query Match 0.5%; Score 9.8; DB 1; Length 14;
Best Local Similarity 84.6%; Pred. No. 5.4e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 733 GAGAAACAGACA 745
||| ||| ||| ||| ||| |||
Db 1 GACAAACAGACA 13

RESULT 791
US-08-242-664-15/c
; Sequence 15, Application US/08242664
; Patent No. 5571937
; GENERAL INFORMATION:
; APPLICANT: Watanabe, Kyoichi A.
; APPLICANT: Ren, Wu-Yun
; APPLICANT: Weil, Roger
; TITLE OF INVENTION: Complementary DNA and Toxins
; NUMBER OF SEQUENCES: 43
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Cooper & Dunham
; STREET: 30 Rockefeller Plaza
; CITY: New York
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10112

COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch 1.44Mb
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.24
; CURRENT APPLICATION DATA: US/08/242,664
; FILING DATE: May 12, 1994
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: White, John P.
; REGISTRATION NUMBER: 28,678
; REFERENCE/DOCKET NUMBER: 44683
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212-977-9550
; TELEFAX: 212-664-0525
; INFORMATION FOR SEQ ID NO: 15:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-242-664-15

Query Match 0.5%; Score 9.8; DB 1; Length 14;
Best Local Similarity 84.6%; Pred. No. 5.4e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 919 CTTTCCTTTTAT 931
||||| ||| ||| ||| |||
Db 13 CTTTCCTTTTAT 1

RESULT 792
US-08-442-513A-11/c
; Sequence 11, Application US/08442513A
; Patent No. 5646031
; GENERAL INFORMATION:
; APPLICANT: DeYoung, Mary Beth
; APPLICANT: Siwkowski, Andrew M.
; APPLICANT: Hampel, Arnold E.
; TITLE OF INVENTION: METHOD FOR DERIVING RIBOZYMES FROM
; REFERENCE/DOCKET NUMBER: 2384.00014
; NUMBER OF SEQUENCES: 19
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Kohn & Associates
; STREET: 30500 No. 5646031thwestern Hwy., Suite 410
; CITY: Farmington Hills
; STATE: Michigan

COUNTRY: US
; ZIP: 48334
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/442,513A
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Kohn, Kenneth I.
; REGISTRATION NUMBER: 30,995
; REFERENCE/DOCKET NUMBER: 2384.00014
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (810) 539-5050
; TELEFAX: (810) 539-5055
; INFORMATION FOR SEQ ID NO: 11:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "Ribozyme substrate"
US-08-442-513A-11

Query Match 0.5%; Score 9.8; DB 1; Length 14;
Best Local Similarity 84.6%; Pred. No. 5.4e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 736 AAACAGACACCG 748
||||| ||| ||| ||| |||
Db 14 AAACAGACACTGC 2

RESULT 793
US-08-442-513A-13
; Sequence 13, Application US/08442513A
; Patent No. 5646031
; GENERAL INFORMATION:
; APPLICANT: DeYoung, Mary Beth
; APPLICANT: Siwkowski, Andrew M.
; APPLICANT: Hampel, Arnold E.
; TITLE OF INVENTION: METHOD FOR DERIVING RIBOZYMES FROM
; REFERENCE/DOCKET NUMBER: 2384.00014
; NUMBER OF SEQUENCES: 19
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Kohn & Associates
; STREET: 30500 No. 5646031thwestern Hwy., Suite 410
; CITY: Farmington Hills
; STATE: Michigan
; COUNTRY: US
; ZIP: 48334
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/442,513A
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Kohn, Kenneth I.
; REGISTRATION NUMBER: 30,995
; REFERENCE/DOCKET NUMBER: 2384.00014
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (810) 539-5050
; TELEFAX: (810) 539-5055
; INFORMATION FOR SEQ ID NO: 13:
; SEQUENCE CHARACTERISTICS:

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/ LENGTH: 14 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: other nucleic acid
/ DESCRIPTION: /desc = "Ribozyme substrate"
US-08-442-513A-13

Query Match          0.5%; Score 9.8; DB 1; Length 14;
Best Local Similarity 53.8%; Pred. No. 5.4e+02;
Matches 7; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 884 CCACAGTGTCTTT 896
Db 1 CCGCAGUUCUGUU 13

RESULT 794
US-08-442-513A-14
/ Sequence 14, Application US/08442513A
/ Patent No. 5646031
/ GENERAL INFORMATION:
/ APPLICANT: DeYoung, Mary Beth
/ APPLICANT: Siwkowski, Andrew M.
/ APPLICANT: Hampel, Arnold E.
/ TITLE OF INVENTION: METHOD FOR DERIVING RIBOZYMES FROM
/ NUCLEOTIDE SEQUENCES AND RIBOZYMES DERIVED THEREOF
/ NUMBER OF SEQUENCES: 19
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Kohn & Associates
/ STREET: 30500 No. 5646031thwestern Hwy., Suite 410
/ CITY: Farmington Hills
/ STATE: Michigan
/ COUNTRY: US
/ ZIP: 48334
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: PatentIn Release #1.0, Version #1.30
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/442,513A
/ FILING DATE:
/ CLASSIFICATION: 435
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Kohn, Kenneth I.
/ REGISTRATION NUMBER: 30,995
/ REFERENCE/DOCKET NUMBER: 2384.00014
/ TELEPHONE: (810) 539-5050
/ TELEFAX: (810) 539-5050
/ INFORMATION FOR SEQ ID NO: 14:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 14 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: other nucleic acid
/ DESCRIPTION: /desc = "Ribozyme substrate"
US-08-442-513A-16

Query Match          0.5%; Score 9.8; DB 1; Length 14;
Best Local Similarity 53.8%; Pred. No. 5.4e+02;
Matches 7; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 884 CCACAGTGTCTTT 896
Db 1 CCGCAGUUCUGUU 13

RESULT 796
US-08-442-513A-16/c
/ Sequence 16, Application US/08442513A
/ Patent No. 5646031
/ GENERAL INFORMATION:
/ APPLICANT: DeYoung, Mary Beth
/ APPLICANT: Siwkowski, Andrew M.
/ APPLICANT: Hampel, Arnold E.
/ TITLE OF INVENTION: METHOD FOR DERIVING RIBOZYMES FROM
/ NUCLEOTIDE SEQUENCES AND RIBOZYMES DERIVED THEREOF
/ NUMBER OF SEQUENCES: 19
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Kohn & Associates
/ STREET: 30500 No. 5646031thwestern Hwy., Suite 410
/ CITY: Farmington Hills
/ STATE: Michigan
/ COUNTRY: US
/ ZIP: 48334
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: PatentIn Release #1.0, Version #1.30
/
```

```
;
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/442,513A
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Kohn, Kenneth I.
; REGISTRATION NUMBER: 30,995
; REFERENCE/DOCKET NUMBER: 2384.00014
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (810) 539-5050
; TELEFAX: (810) 539-5055
; INFORMATION FOR SEQ ID NO: 16:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "Ribozyme substrate"
US-08-442-513A-16

Query Match 0.5%; Score 9.8; DB 1; Length 14;
Best Local Similarity 84.6%; Pred. No. 5.4e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 736 AACAGAACCCG 748
Db 14 AACAGAACTCG 2

RESULT 797
US-08-442-513A-18
; Sequence 18, Application US/08442513A
; Patent No. 5646031
; GENERAL INFORMATION:
; APPLICANT: DeYoung, Mary Beth
; APPLICANT: Siwkowski, Andrew M.
; TITLE OF INVENTION: METHOD FOR DERIVING RIBOZYMES FROM
; TITLE OF INVENTION: HAMPSEL, ARNOLD E.
; NUMBER OF SEQUENCES: 19
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Kohn & Associates
; STREET: 30500 No. 5646031thwestern Hwy., Suite 410
; CITY: Farmington Hills
; STATE: Michigan
; COUNTRY: US
; ZIP: 48334
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/442,513A
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Kohn, Kenneth I.
; REGISTRATION NUMBER: 30,995
; REFERENCE/DOCKET NUMBER: 2384.00014
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (810) 539-5055
; TELEFAX: (810) 539-5055
; INFORMATION FOR SEQ ID NO: 18:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "Ribozyme substrate"
US-08-442-513A-18
```

```
Query Match 0.5%; Score 9.8; DB 1; Length 14;
Best Local Similarity 53.8%; Pred. No. 5.4e+02;
Matches 7; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 885 CACAGTGTGTG 897
Db 2 CGCAGUACUGUUG 14

RESULT 798
US-08-484-138-15/c
; Sequence 15, Application US/08484138
; Patent No. 5652350
; GENERAL INFORMATION:
; APPLICANT: Watanabe, Kyoichi A.
; APPLICANT: Ren, Wu-Yun
; APPLICANT: Weil, Roger
; TITLE OF INVENTION: Complementary DNA and Toxins
; NUMBER OF SEQUENCES: 43
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Cooper & Dunham LLP
; STREET: 1185 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10036
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch 1.44Mb
; COMPUTER: IBM PC
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.24
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/484,138
; FILING DATE: June 7, 1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: White, John P.
; REGISTRATION NUMBER: 28,678
; REFERENCE/DOCKET NUMBER: 44683-Z/JPW/MJG
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212-977-9550
; TELEFAX: 212-664-0525
; INFORMATION FOR SEQ ID NO: 15:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-484-138-15
```

```
Query Match 0.5%; Score 9.8; DB 1; Length 14;
Best Local Similarity 84.6%; Pred. No. 5.4e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 919 CTTTGCCTTTAT 931
Db 13 CTTTCCCTTTT 1

RESULT 799
US-08-498-402-6
; Sequence 6, Application US/08498402
; Patent No. 5712096
; GENERAL INFORMATION:
; APPLICANT: Seth Stern
; APPLICANT: Prakash Purohit
; TITLE OF INVENTION: OLIGORIBONUCLEOTIDE ASSAY FOR
; TITLE OF INVENTION: NOVEL
; TITLE OF INVENTION: ANTIOTICS
; NUMBER OF SEQUENCES: 14
; CORRESPONDENCE ADDRESS:
```

PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 822,335
 FILING DATE: 17-JAN-1992
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 505,888
 FILING DATE: 05-APR-1990
 APPLICATION NUMBER: US 420,921
 FILING DATE: 13-OCT-1989
 APPLICATION DATA:
 APPLICATION NUMBER: US 367,486
 FILING DATE: 16-JUN-1989
 APPLICATION DATA:
 APPLICATION NUMBER: US 336,672
 FILING DATE: 11-APR-1989
 APPLICATION DATA:
 APPLICATION NUMBER: US 208,997
 FILING DATE: 17-JUN-1988
 ATTORNEY/AGENT INFORMATION:
 NAME: Sholtz, Charles K.
 REGISTRATION NUMBER: 38,615
 REFERENCE/DOCKET NUMBER: 4600-0093.20
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (415) 324-0880
 TELEFAX: (415) 324-0960
 INFORMATION FOR SEQ ID NO: 27:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 14 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: unknown
 TOPOLOGY: unknown
 MOLECULE TYPE: DNA
 HYPOTHETICAL: NO
 ANTI-SENSE: NO
 ORIGINAL SOURCE:
 INDIVIDUAL ISOLATE: DNA sequence, Fig. 7
 1-259-148A-27
 TRY MATCH 0.5%; Score 9.8; DB 1; Length 14;
 LOCAL SIMILARITY 84.6%; Pred. NO. 5.4e+02;
 MATCHES 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

1237 GCCCTGCGCTCCG 1249
 ||||| |||||
 2 GCCCGCGCCACCG 14

J-706-135-2/c
 Sequence 2, Application US/08706135
 Patent No. 5763181
 GENERAL INFORMATION:
 APPLICANT: Han, Myun K.
 TITLE OF INVENTION: Fluorometric Assay For Detecting Nucleic
 ACID CLEAVAGE
 NUMBER OF SEQUENCES: 6
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Sterne, Kessler, Goldstein & Fox
 STREET: 1100 New York Avenue, Suite 600
 CITY: Washington
 STATE: D.C.
 COUNTRY: U.S.
 ZIP: 20005
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/706,135
 FILING DATE:
 CLASSIFICATION: 435
 PRIOR APPLICATION DATA:

```
; APPLICATION NUMBER: 08/365,473
; FILING DATE: 30-DEC-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Markowicz R., Karen
; REGISTRATION NUMBER: 36,351
; REFERENCE/DOCKET NUMBER: 0654,06300000
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 371-2600
; TELEFAX: (202) 371-2540
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: both
; TOPOLOGY: both
; MOLECULE TYPE:
; US-08-706-135-2

Query Match      0.5%; Score 9.8; DB 1; Length 14;
Best Local Similarity 84.6%; Pred. No. 5.4e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      1145 CCACCTATACCC 1157
      13 CCACCTAGCCCC 1
Db

RESULT 802
US-08-540-448-20/c
; Sequence 20, Application US/08540448
; Patent No. 5786145
; GENERAL INFORMATION:
; APPLICANT: KARN, JONATHAN
; APPLICANT: GAIT, MICHAEL J.
; APPLICANT: HEAPHY, SHAUN
; APPLICANT: DINGWALL, COLIN
; TITLE OF INVENTION: VIRAL GROWTH INHIBITION
; NUMBER OF SEQUENCES: 25
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: ORLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT,
; STREET: 1755 S. Jefferson Davis Highway, Suite 400
; CITY: Arlington
; STATE: Virginia
; COUNTRY: U.S.A.
; ZIP: 22202
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/540,448
; FILING DATE:
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/030,102
; FILING DATE: 18-MAR-1993
; APPLICATION NUMBER: GB 9020541.0
; FILING DATE: 20-SEP-1990
; ATTORNEY/AGENT INFORMATION:
; NAME: Orlon, No. 5786145man F.
; REGISTRATION NUMBER: 24,618
; REFERENCE/DOCKET NUMBER: 3077-007-0 PCT
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703) 413-3000
; TELEFAX: (703) 413-2220
; TELEX: 248855 OPAT UR
; INFORMATION FOR SEQ ID NO: 20:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: unknown
```

```
; TOPOLOGY: unknown
; MOLECULE TYPE: Other nucleic acid;
; DESCRIPTION: RNA (synthetic)
; US-08-540-448-20

Query Match      0.5%; Score 9.8; DB 1; Length 14;
Best Local Similarity 84.6%; Pred. No. 5.4e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      1284 CAGCGCCCAACG 1296
      13 CTGCGCCCAACG 1
Db

RESULT 803
US-07-892-902-4/c
; Sequence 4, Application US/07892902
; Patent No. 5817781
; GENERAL INFORMATION:
; APPLICANT: Swaminathan, Sundaramoorthi
; APPLICANT: Matteucci, Mark
; APPLICANT: Pudlo, Jeff
; APPLICANT: Jones, Robert J.
; TITLE OF INVENTION: MODIFIED INTERNUCLEOSIDE LINKAGES (II)
; NUMBER OF SEQUENCES: 7
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Morrison & Foerster
; STREET: 755 Page Mill Road
; CITY: Palo Alto
; STATE: California
; COUNTRY: USA
; ZIP: 94304-1018
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/892,902
; FILING DATE: 01-JUN-1992
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Murashige, Kate H.
; REGISTRATION NUMBER: 29,959
; REFERENCE/DOCKET NUMBER: 246102004200
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-813-5600
; TELEFAX: 415-494-0792
; TELEX: 706141
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; FEATURE:
; NAME/KEY: misc_binding
; LOCATION: 6..7
; OTHER INFORMATION: /note= "This linkage is
; OTHER INFORMATION: C(CH2-CH2-O)T."
; FEATURE:
; NAME/KEY: misc_binding
; LOCATION: 8..9
; OTHER INFORMATION: /note= "This linkage is
; OTHER INFORMATION: C(CH2-CH2-O)T."
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 14
; OTHER INFORMATION: /note= "This sequence has 2',
; OTHER INFORMATION: rather than 3', end."
; US-07-892-902-4
```



```
Query Match 0.5%; Score 9.8; DB 1; Length 14;
Best Local Similarity 84.6%; Pred. No. 5.4e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1017 AAAAGAGGGGAG 1029
Db 14 AAAAGAGAGAG 2

RESULT 804
US-08-173-489C-94
; Sequence 94, Application US/08173489C
; Patent No. 5861244
; GENERAL INFORMATION:
; APPLICANT: WANG, C. -G.
; APPLICANT: HEPBURN, A. G.
; TITLE OF INVENTION: GENETIC SEQUENCE ASSAY USING DNA
; TITLE OF INVENTION: TRIPLE-STRAND FORMATION.
; NUMBER OF SEQUENCES: 365
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: PROFILE DIAGNOSTIC SCIENCES, INC.,
; STREET: 510 EAST 73RD STREET,
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10021.
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch, 1.44Mb storage
; COMPUTER: IBM PC/XT/AT
; OPERATING SYSTEM: MS-DOS version 6.2
; SOFTWARE: Wordperfect Version 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/173,489C
; FILING DATE: 22 DEC 1993
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/968,436
; FILING DATE: 29 OCT 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Handelman, Joseph H.
; REGISTRATION NUMBER: 26,179
; REFERENCE/DOCKET NUMBER: U9518-6
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (attorney) (212) 708-1880
; TELEFAX: (attorney) (212) 246-8959
; INFORMATION FOR SEQ ID NO: 94:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 bases
; TYPE: nucleic acid
; STRANDEDNESS: single stranded
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: third strand derived from superoxide
; HYPOTHETICAL: yes
; ANTI-SENSE: no
; PUBLICATION INFORMATION:
; RELEVANT RESIDUES IN SEQ ID NO: 94 :FROM 1 TO 14
; US-08-173-489C-94

Query Match 0.5%; Score 9.8; DB 1; Length 14;
Best Local Similarity 84.6%; Pred. No. 5.4e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1258 CCCACCCCTTC 1270
Db 1 CCCTTCCCCCTTC 13

RESULT 805
US-08-173-489C-186/c
; Sequence 186, Application US/08173489C
; Patent No. 5861244
; GENERAL INFORMATION:
; APPLICANT: WANG, C. -G.
; APPLICANT: HEPBURN, A. G.
; TITLE OF INVENTION: GENETIC SEQUENCE ASSAY USING DNA
; TITLE OF INVENTION: TRIPLE-STRAND FORMATION.
; NUMBER OF SEQUENCES: 365
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: PROFILE DIAGNOSTIC SCIENCES, INC.,
; STREET: 510 EAST 73RD STREET,
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10021.

Query Match 0.5%; Score 9.8; DB 1; Length 14;
Best Local Similarity 84.6%; Pred. No. 5.4e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 731 AGGAGAAACAGAA 743
Db 13 AGGAGAGCAGGA 1

RESULT 806
US-08-173-489C-198/c
; Sequence 198, Application US/08173489C
; Patent No. 5861244
; GENERAL INFORMATION:
; APPLICANT: WANG, C. -G.
; APPLICANT: HEPBURN, A. G.
; TITLE OF INVENTION: GENETIC SEQUENCE ASSAY USING DNA
; TITLE OF INVENTION: TRIPLE-STRAND FORMATION.
; NUMBER OF SEQUENCES: 365
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: PROFILE DIAGNOSTIC SCIENCES, INC.,
; STREET: 510 EAST 73RD STREET,
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10021.

Query Match 0.5%; Score 9.8; DB 1; Length 14;
Best Local Similarity 84.6%; Pred. No. 5.4e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 731 AGGAGAAACAGAA 743
Db 13 AGGAGAGCAGGA 1

RESULT 806
US-08-173-489C-198/c
; Sequence 198, Application US/08173489C
; Patent No. 5861244
; GENERAL INFORMATION:
; APPLICANT: WANG, C. -G.
; APPLICANT: HEPBURN, A. G.
; TITLE OF INVENTION: GENETIC SEQUENCE ASSAY USING DNA
; TITLE OF INVENTION: TRIPLE-STRAND FORMATION.
; NUMBER OF SEQUENCES: 365
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: PROFILE DIAGNOSTIC SCIENCES, INC.,
; STREET: 510 EAST 73RD STREET,
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10021.
```

```
GENERAL INFORMATION:
APPLICANT: WANG, C. -G.
APPLICANT: HEPBURN, A. G.
TITLE OF INVENTION: GENETIC SEQUENCE ASSAY USING DNA
TITLE OF INVENTION: TRIPLE-STRAND FORMATION.
NUMBER OF SEQUENCES: 365
CORRESPONDENCE ADDRESS:
ADDRESSEE: PROFILE DIAGNOSTIC SCIENCES, INC.,
STREET: 510 EAST 73RD STREET,
CITY: NEW YORK
STATE: NEW YORK
COUNTRY: USA
ZIP: 10021
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch, 1.44Mb storage
COMPUTER: IBM PC/XT/AT
OPERATING SYSTEM: MS-DOS version 6.2
SOFTWARE: Wordperfect Version 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/173,489C
FILING DATE: 22 DEC 1993
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/968,436
FILING DATE: 29 OCT 1992
ATTORNEY/AGENT INFORMATION:
NAME: Handelman, Joseph H.
REGISTRATION NUMBER: 26,179
REFERENCE/DOCKET NUMBER: U9518-6
TELECOMMUNICATION INFORMATION:
TELEPHONE: (attorney) (212) 708-1880
TELEFAX: (attorney) (212) 246-8959
INFORMATION FOR SEQ ID NO: 186:
SEQUENCE CHARACTERISTICS:
LENGTH: 14 bases
TYPE: nucleic acid
STRANDEDNESS: single stranded
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: third strand derived from Hepatitis B
HYPOTHETICAL: yes
ANTI-SENSE: no
PUBLICATION INFORMATION:
RELEVANT RESIDUES IN SEQ ID NO: 186 :FROM 1 TO 14
US-08-173-489C-186

Query Match 0.5%; Score 9.8; DB 1; Length 14;
Best Local Similarity 84.6%; Pred. No. 5.4e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 731 AGGAGAAACAGAA 743
Db 13 AGGAGAGCAGGA 1

RESULT 806
US-08-173-489C-198/c
; Sequence 198, Application US/08173489C
; Patent No. 5861244
; GENERAL INFORMATION:
; APPLICANT: WANG, C. -G.
; APPLICANT: HEPBURN, A. G.
; TITLE OF INVENTION: GENETIC SEQUENCE ASSAY USING DNA
; TITLE OF INVENTION: TRIPLE-STRAND FORMATION.
; NUMBER OF SEQUENCES: 365
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: PROFILE DIAGNOSTIC SCIENCES, INC.,
; STREET: 510 EAST 73RD STREET,
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10021.
```

```

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch, 1.44Mb storage
COMPUTER: IBM PC/XT/AT
OPERATING SYSTEM: MS-DOS version 6.2
SOFTWARE: Wordperfect version 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US 07/173,489C
FILING DATE: 22 DEC 1993
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/969,436
FILING DATE: 29 OCT 1992
ATTORNEY/AGENT INFORMATION:
NAME: Handelman, Joseph H.
REGISTRATION NUMBER: 26,179
REFERENCE/DOCKET NUMBER: U9518-6
TELECOMMUNICATION INFORMATION:
TELEPHONE: (attorney) (212) 708-1880
TELEFAX: (attorney) (212) 246-8959
INFORMATION FOR SEQ ID NO: 198:
SEQUENCE CHARACTERISTICS:
LENGTH: 14 bases
TYPE: nucleic acid
STRANDEDNESS: single stranded
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: third strand derived from Hepatitis B
DESCRIPTION: isolate adr sequence region in Seq ID No. 5861244197
HYPOTHETICAL: yes
ANTI-SENSE: no
PUBLICATION INFORMATION:
RELEVANT RESIDUES IN SEQ ID NO: 198 :FROM 1 TO 14
US-08-173-489C-198

```

```

Query Match 0.5%; Score 9.8; DB 1; Length 14;
Best Local Similarity 84.6%; Pred. No. 5.4e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

```

```

QY 731 AGGAGAACAGAA 743
DB 13 AGGAGAACAGGA 1

```

```

RESULT 807
US-07-876-941A-43
; Sequence 43, Application US/07876941A
; Patent No. 5885768
; GENERAL INFORMATION:
; APPLICANT: Reyes, Gregory R.
; APPLICANT: Bradley, Daniel W.
; APPLICANT: Tam, Albert W.
; APPLICANT: Mitchell, Carl
; TITLE OF INVENTION: Hepatitis E Virus Peptide Antigen and
; TITLE OF INVENTION: Antibodies
; NUMBER OF SEQUENCES: 76
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dehlinger & Associates
; STREET: 350 Cambridge Avenue, Suite 250
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94306
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/876,941A
; FILING DATE: 01-MAY-1992
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 822,335

```

```

; FILING DATE: 17-JAN-1992
; PRIOR APPLICATION DATA: US 505,888
; APPLICATION NUMBER: 05-APRIL-1990
; FILING DATE: 05-APRIL-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 420,921
; FILING DATE: 13-OCTOBER-1989
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 367,486
; FILING DATE: 16-JUNE-1989
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 336,672
; FILING DATE: 11-APRIL-1989
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 208,997
; FILING DATE: 17-JUNE-1988
; ATTORNEY/AGENT INFORMATION:
; NAME: Sholtz, Charles K.
; REGISTRATION NUMBER: 38,615
; REFERENCE/DOCKET NUMBER: 4600-0093.33
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 324-0880
; TELEFAX: (415) 324-0960
; INFORMATION FOR SEQ ID NO: 43:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: DNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; INDIVIDUAL ISOLATE: DNA sequence, Fig. 7
; US-07-876-941A-43

```

```

Query Match 0.5%; Score 9.8; DB 1; Length 14;
Best Local Similarity 84.6%; Pred. No. 5.4e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

```

```

QY 1237 GCCTCGCTCCG 1249
DB 2 GCCCGGCCACCG 14

```

```

RESULT 808
US-08-985-162-1805
; Sequence 1805, Application US/08985162
; Patent No. 6057156
; GENERAL INFORMATION:
; APPLICANT: Akhtar, Saghir
; APPLICANT: Fell, Patricia
; APPLICANT: McSwigen, James
; TITLE OF INVENTION: ENZYMAIC NUCLEIC ACID TREATMENT
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
; TITLE OF INVENTION: FACTOR RECEPTORS
; NUMBER OF SEQUENCES: 1877
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq for Windows 2.0
; CURRENT APPLICATION DATA:

```

APPLICATION NUMBER: US/08/985,162
FILING DATE: 04 December 1997
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/036,476
FILING DATE: 31 January 1997
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 230/107
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1805:
SEQUENCE CHARACTERISTICS:
LENGTH: 14 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-985-162-1805

Query Match 0.5%; Score 9.8; DB 1; Length 14;
Best Local Similarity 76.9%; Pred. No. 5.4e+02;
Matches 10; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 754 ACTGCCATGCAG 766
|||||
DB 2 ACCGCCGGCAG 14

RESULT 809
US-08-985-162-1805/c
Sequence 1805, Application US/08985162
Patent No. 6057156
GENERAL INFORMATION:
APPLICANT: Akhtar, Saghir
APPLICANT: Fell, Patricia
APPLICANT: McSwigen, James
TITLE OF INVENTION: ENZYMAIC NUCLEIC ACID TREATMENT
TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
TITLE OF INVENTION: FACTOR RECEPTORS
NUMBER OF SEQUENCES: 1877
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq for Windows 2.0
CURRENT APPLICATION DATA:
FILING DATE: 04 December 1997
CLASSIFICATION: 514
PRIOR APPLICATION NUMBER: 60/036,476
FILING DATE: 31 January 1997
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 230/107
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510

APPLICATION NUMBER: US/08/985,162
FILING DATE: 04 December 1997
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/036,476
FILING DATE: 31 January 1997
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 230/107
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 1805:
SEQUENCE CHARACTERISTICS:
LENGTH: 14 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-985-162-1805

Query Match 0.5%; Score 9.8; DB 1; Length 14;
Best Local Similarity 84.6%; Pred. No. 5.4e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 756 CTGCCATGCAGGT 768
|||||
DB 14 CTGCCGGCAGGT 2

RESULT 810
US-08-985-162-1834
Sequence 1834, Application US/08985162
Patent No. 6057156
GENERAL INFORMATION:
APPLICANT: Akhtar, Saghir
APPLICANT: Fell, Patricia
APPLICANT: McSwigen, James
TITLE OF INVENTION: ENZYMAIC NUCLEIC ACID TREATMENT
TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
TITLE OF INVENTION: FACTOR RECEPTORS
NUMBER OF SEQUENCES: 1877
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq for Windows 2.0
CURRENT APPLICATION DATA:
FILING DATE: 04 December 1997
CLASSIFICATION: 514
PRIOR APPLICATION NUMBER: 60/036,476
FILING DATE: 31 January 1997
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 230/107
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1834:
SEQUENCE CHARACTERISTICS:
LENGTH: 14 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-985-162-1834

Query Match 0.5%; Score 9.8; DB 1; Length 14;
Best Local Similarity 76.9%; Pred. No. 5.4e+02;
Matches 10; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 876 CTCAGGCACACA 888
|||||

Db 2 CUCAGACCCACCA 14

RESULT 811

US-08-985-162-1845
; Sequence 1845, Application US/08985162
; Patent No. 6057156
; GENERAL INFORMATION:
; APPLICANT: Akhtar, Saghir
; APPLICANT: Fell, Patricia
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
; TITLE OF INVENTION: FACTOR RECEPTORS
; NUMBER OF SEQUENCES: 1877
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/985,162
; FILING DATE: 04 December 1997
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/036,476
; FILING DATE: 31 January 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 230/107
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1845:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-985-162-1845

Query Match 0.5%; Score 9.8; DB 1; Length 14;
Best Local Similarity 76.9%; Pred. No. 5.4e+02;
Matches 10; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 1007 CGACACCTGAAAA 1019

Db 1 CCACAGCUGAAAA 13

RESULT 812

US-08-913-833-109
; Sequence 109, Application US/08913833
; Patent No. 6087093
; GENERAL INFORMATION:
; APPLICANT: STUYVER, LIEVEN
; APPLICANT: LOUWAGIE, JOOST
; APPLICANT: ROSSAU, RUDI
; TITLE OF INVENTION: METHOD FOR DETECTION OF DRUG-INDUCED
; TITLE OF INVENTION: MUTATIONS IN THE REVERSE TRANSCRIPTASE GENE
; NUMBER OF SEQUENCES: 164

CORRESPONDENCE ADDRESS:
; ADDRESSEE: ARNOLD, WHITE & DURKEE
; STREET: P.O. BOX 4433
; CITY: HOUSTON
; STATE: TEXAS
; COUNTRY: USA
; ZIP: 77210-4433
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Microsoft Word 6.0 / ASCII text output
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/913,833
; FILING DATE: 15 Sep 1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/EP97/00211
; FILING DATE: 17 Jan 1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP 96870005.4
; FILING DATE: 26 Jan 1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP 96870081.5
; FILING DATE: 25 Jun 1996
; ATTORNEY/AGENT INFORMATION:
; NAME: KAMMERER, PATRICIA A.
; REGISTRATION NUMBER: 29,775
; REFERENCE/DOCKET NUMBER: INNS:008
; INFORMATION FOR SEQ ID NO: 109:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; US-08-913-833-109

Query Match 0.5%; Score 9.8; DB 1; Length 14;
Best Local Similarity 84.6%; Pred. No. 5.4e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1213 GGGGCTGACCCCA 1225

Db 1 GGGACTGACCACA 13

RESULT 813

US-08-913-833-112
; Sequence 112, Application US/08913833
; Patent No. 6087093
; GENERAL INFORMATION:
; APPLICANT: STUYVER, LIEVEN
; APPLICANT: LOUWAGIE, JOOST
; APPLICANT: ROSSAU, RUDI
; TITLE OF INVENTION: METHOD FOR DETECTION OF DRUG-INDUCED
; TITLE OF INVENTION: MUTATIONS IN THE REVERSE TRANSCRIPTASE GENE
; NUMBER OF SEQUENCES: 164
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: ARNOLD, WHITE & DURKEE
; STREET: P.O. BOX 4433
; CITY: HOUSTON
; STATE: TEXAS
; COUNTRY: USA
; ZIP: 77210-4433
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Microsoft Word 6.0 / ASCII text output
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/913,833

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; FILING DATE: 15 Sep 1997
; PRIOR APPLICATION DATA: PCT/EP97/00211
; APPLICATION NUMBER: 17 Jan 1997
; FILING DATE: 17 Jan 1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP 96870005.4
; FILING DATE: 26 Jan 1996
; PRIOR APPLICATION DATA: EP 96870081.5
; APPLICATION NUMBER: EP 96870081.5
; FILING DATE: 25 Jun 1996
; ATTORNEY/AGENT INFORMATION:
; NAME: KAMMERER, PATRICIA A.
; REGISTRATION NUMBER: 29,775
; REFERENCE/DOCKET NUMBER: INNS:008
; INFORMATION FOR SEQ ID NO: 112:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; US-08-913-833-112

Query Match 0.5%; Score 9.8; DB 1; Length 14;
Best Local Similarity 84.6%; Pred. No. 5.4e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1213 GGGGCTGACCCCA 1225
Db 1 GGGGCTTACCACA 13

RESULT 814
US-08-913-833-138
; Sequence 138, Application US/08913833
; Patent No. 6087093
; GENERAL INFORMATION:
; APPLICANT: STUYVER, LIEVEN
; APPLICANT: LOUWAGIE, JOOST
; APPLICANT: ROSSAU, RUDI
; TITLE OF INVENTION: METHOD FOR DETECTION OF DRUG-INDUCED
; TITLE OF INVENTION: MUTATIONS IN THE REVERSE TRANSCRIPTASE GENE
; NUMBER OF SEQUENCES: 164
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: ARNOLD, WHITE & DURKEE
; STREET: P.O. BOX 4433
; CITY: HOUSTON
; STATE: TEXAS
; COUNTRY: USA
; ZIP: 77210-4433
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Microsoft Word 6.0 / ASCII text output
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/913.833
; FILING DATE: 15 Sep 1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/EP97/00211
; FILING DATE: 17 Jan 1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP 96870005.4
; FILING DATE: 26 Jan 1996
; PRIOR APPLICATION NUMBER: EP 96870081.5
; FILING DATE: 25 Jun 1996
; ATTORNEY/AGENT INFORMATION:
; NAME: KAMMERER, PATRICIA A.
; REGISTRATION NUMBER: 29,775
; REFERENCE/DOCKET NUMBER: INNS:008

; INFORMATION FOR SEQ ID NO: 138:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; US-08-913-833-138

Query Match 0.5%; Score 9.8; DB 1; Length 14;
Best Local Similarity 84.6%; Pred. No. 5.4e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1213 GGGGCTGACCCCA 1225
Db 1 GGGACTGACCACA 13

RESULT 815
US-08-797-722-2
; Sequence 2, Application US/08797722
; Patent No. 6100444
; GENERAL INFORMATION:
; APPLICANT: Frelinger, John G.
; APPLICANT: Barth, Richard K.
; APPLICANT: Wei, Chungwei
; TITLE OF INVENTION: PROSTATE SPECIFIC REGULATORY NUCLEIC ACID
; TITLE OF INVENTION: SEQUENCES AND TRANSGENIC NON-HUMAN ANIMALS EXPRESSING
; TITLE OF INVENTION: PROSTATE SPECIFIC ANTIGEN
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson P.C.
; STREET: 4225 Executive Square, Suite 1400
; CITY: La Jolla
; STATE: CA
; COUNTRY: USA
; ZIP: 92037
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: Windows 95
; SOFTWARE: FastSeq for Windows Version 2.0b
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/797,722
; FILING DATE: 11-FEB-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Haile, Lisa A.
; REGISTRATION NUMBER: 38,347
; REFERENCE/DOCKET NUMBER: 08635/002001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 619/678-5070
; TELEFAX: 619/678-5099
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-797-722-2

Query Match 0.5%; Score 9.8; DB 1; Length 14;
Best Local Similarity 84.6%; Pred. No. 5.4e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1021 GAGGGGAGCTTG 1033
Db 1 GAGGGTGAACTTG 13

RESULT 816
US-08-998-099-357
```

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; Sequence 357, Application US/08998099A
; Patent No. 6103890
; GENERAL INFORMATION:
; APPLICANT: JARVIS, THALE
; APPLICANT: MCSWIGGEN, JAMES A.
; APPLICANT: STINCHCOMB, DAN T.
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES
; TITLE OF INVENTION: OR CONDITIONS RELATED TO LEVELS OF C-FOS
; FILE REFERENCE: 231/175
; CURRENT APPLICATION NUMBER: US/08/998,099A
; CURRENT FILING DATE: 1997-12-24
; EARLIER APPLICATION NUMBER: 60/037,658
; EARLIER FILING DATE: 1997-01-23
; EARLIER APPLICATION NUMBER: 08/373,124
; EARLIER FILING DATE: 1995-01-13
; EARLIER APPLICATION NUMBER: 08/245,466
; EARLIER FILING DATE: 1994-05-18
; NUMBER OF SEQ ID NOS: 375
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 357
; LENGTH: 14
; TYPE: RNA
; ORGANISM: Homo sapiens
US-08-998-099-357

Query Match      0.5%; Score 9.8; DB 1; Length 14;
Best Local Similarity 84.6%; Pred. No. 5.4e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1233 GACAGCCCTCGCC 1245
DB 2 GACAGCCCGCUCC 14

RESULT 817
US-08-998-099-362
; Sequence 362, Application US/08998099A
; Patent No. 6103890
; GENERAL INFORMATION:
; APPLICANT: JARVIS, THALE
; APPLICANT: MCSWIGGEN, JAMES A.
; APPLICANT: STINCHCOMB, DAN T.
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES
; TITLE OF INVENTION: OR CONDITIONS RELATED TO LEVELS OF C-FOS
; FILE REFERENCE: 231/175
; CURRENT APPLICATION NUMBER: US/08/998,099A
; CURRENT FILING DATE: 1997-12-24
; EARLIER APPLICATION NUMBER: 60/037,658
; EARLIER FILING DATE: 1997-01-23
; EARLIER APPLICATION NUMBER: 08/373,124
; EARLIER FILING DATE: 1995-01-13
; EARLIER APPLICATION NUMBER: 08/245,466
; EARLIER FILING DATE: 1994-05-18
; NUMBER OF SEQ ID NOS: 375
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 362
; LENGTH: 14
; TYPE: RNA
; ORGANISM: Homo sapiens
US-08-998-099-362

Query Match      0.5%; Score 9.8; DB 1; Length 14;
Best Local Similarity 69.2%; Pred. No. 5.4e+02;
Matches 9; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 1215 GGCTGACCCCATC 1227
DB 2 GCUGACUCCUUC 14

RESULT 818
US-08-983-041-7/c
; Sequence 7, Application US/08983041A
; Patent No. 6114155
; GENERAL INFORMATION:
; APPLICANT: Statens Institutt for Folkehelse
; TITLE OF INVENTION: Internal Control and Method for Surveillance of GAP-LCR
; FILE REFERENCE: 23506 examples 3a-3c
; CURRENT APPLICATION NUMBER: US/08/983,041A
; CURRENT FILING DATE: 1998-01-15
; NUMBER OF SEQ ID NOS: 24
; SOFTWARE: Patentin ver. 2.1
; SEQ ID NO 7
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Hepatitis B virus
; FEATURE:
US-08-983-041-7

Query Match      0.5%; Score 9.8; DB 1; Length 14;
Best Local Similarity 84.6%; Pred. No. 5.4e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 975 GTCCAAGCTCTAC 987
DB 14 GACCAAGATCTAC 2

RESULT 819
US-08-765-340-109/c
; Sequence 109, Application US/08765340
; Patent No. 6150032
; GENERAL INFORMATION:
; APPLICANT: UCHIDA, K.
; APPLICANT: UCHIDA, T.
; APPLICANT: TANAKA, Y.
; APPLICANT: MATSUDA, Y.
; APPLICANT: KONDO, S.
; TITLE OF INVENTION: AN ANTISENSE NUCLEIC ACID
; TITLE OF INVENTION: COMPOUND
; NUMBER OF SEQUENCES: 185
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORGAN & FINNEGAN, L.L.P.
; STREET: 345 PARK AVENUE
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10154
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version
; SOFTWARE: #1.30 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/765,340
; FILING DATE: 23-DEC-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: JP 145146/94
; FILING DATE: 27-JUN-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: JP 311130/94
; FILING DATE: 21-NOV-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: SERUNIAN, LESLIE
; REGISTRATION NUMBER: 35,353
; REFERENCE/DOCKET NUMBER: 1452-4005
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 758-4800
; TELEFAX: (212) 751-6849
; INFORMATION FOR SEQ ID NO: 109:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
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; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "synthetic DNA"
US-08-765-340-109

Query Match 0.5%; Score 9.8; DB 1; Length 14;
Best Local Similarity 84.6%; Pred. No. 5,4e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1137 CTCGAGCTCCACC 1149
Db 14 CTCCTACCTCCACC 2

RESULT 820
US-08-765-340-118/C
; Sequence 118, Application US/08765340
; Patent No. 6150092
; GENERAL INFORMATION:
; APPLICANT: UCHIDA, K.,
; APPLICANT: UCHIDA, T.,
; APPLICANT: TANAKA, Y.,
; APPLICANT: MATSUDA, Y.,
; APPLICANT: KONDO, S.,
; TITLE OF INVENTION: AN ANTISENSE NUCLEIC ACID
; TITLE OF INVENTION: COMPOUND
; NUMBER OF SEQUENCES: 185
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORGAN & FINNEGAN, L.L.P.
; STREET: 345 PARK AVENUE
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10154
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version
; SOFTWARE: #1.30 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/765,340
; FILING DATE: 23-DEC-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: JP 145146/94
; FILING DATE: 27-JUN-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: JP 311130/94
; FILING DATE: 21-NOV-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: SERUNIAN, LESLIE
; REGISTRATION NUMBER: 35,353
; REFERENCE/DOCKET NUMBER: 1452-4005
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 758-4800
; TELEFAX: (212) 751-6849
; INFORMATION FOR SEQ ID NO: 118:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "synthetic DNA"
US-08-765-340-118

Query Match 0.5%; Score 9.8; DB 1; Length 14;
Best Local Similarity 84.6%; Pred. No. 5,4e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1270 CAGAAGTGGGAGG 1282
Db 14 CAGAAGGAGGAGG 2

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; CURRENT APPLICATION NUMBER: US/08/929,939A
; CURRENT FILING DATE: 1997-09-15
; EARLIER APPLICATION NUMBER: 08/540,448
; EARLIER FILING DATE: 1995-10-10
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 20
; LENGTH: 14
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic RNA
; OTHER INFORMATION: Derived from HIV RRE sequence
US-08-929-939-20

Query Match          0.5%; Score 9.8; DB 1; Length 14;
Best Local Similarity 84.6%; Pred. No. 5.4e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1284 CAGCGCCCAACG 1296
Db      |||||
13 CTGCGCCACACG 1

RESULT 823
US-08-646-301A-8
; Sequence 8, Application US/08646301A
; Patent No. 6194211
; GENERAL INFORMATION:
; APPLICANT: Richards, Cynthia Ann
; APPLICANT: Huber, Brian E.
; TITLE OF INVENTION: Transcriptional Regulatory Sequence of Carcinoembryonic
; Patent No. 6194211
; TITLE OF INVENTION: Antigen for Expression Targeting
; FILE REFERENCE: PB1508USW
; CURRENT APPLICATION NUMBER: US/08/646,301A
; CURRENT FILING DATE: 1996-05-16
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 8
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: consensus
; OTHER INFORMATION: sequence A4alt from DNA Sequence 1:3-11 (1990).
; Patent No. 6194211
US-08-646-301A-8

Query Match          0.5%; Score 9.8; DB 1; Length 14;
Best Local Similarity 75.0%; Pred. No. 5.4e+02;
Matches 9; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

Qy 1093 ACCCCACCCTG 1104
Db      : |||: |||
3 RNCCHACCTG 14

RESULT 824
US-08-192-946-21
; Sequence 21, Application US/08192946
; Patent No. 6258585
; GENERAL INFORMATION:
; APPLICANT: KENNETH G. DRAPER
; TITLE OF INVENTION: METHOD AND REAGENT FOR
; TITLE OF INVENTION: INHIBITING INFLUENZA VIRUS
; TITLE OF INVENTION: REPLICATION
; NUMBER OF SEQUENCES: 32
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 611 West Sixth Street
; CITY: Los Angeles
; STATE: California

```

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; COUNTRY: USA
; ZIP: 90017
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb storage
; COMPUTER: IBM compatible
; OPERATING SYSTEM: IBM P.C. DOS (Version 5.0)
; SOFTWARE: WordPerfect (Version 5.1)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/192,946
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/07/882,713
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 197/294
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 21:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-192-946-21

Query Match          0.5%; Score 9.8; DB 1; Length 14;
Best Local Similarity 69.2%; Pred. No. 5.4e-02;
Matches 9; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

Qy 1065 CCCAAGCTTCAGT 1077
Db      |||||: |||
1 CCCAAGCUCACG 13

RESULT 825
US-09-054-832-37/c
; Sequence 37, Application US/09054832
; Patent No. 6312894
; GENERAL INFORMATION:
; APPLICANT: Meyer, Rich
; TITLE OF INVENTION: IMPROVED HYBRIDIZATION AND
; TITLE OF INVENTION: MISMATCH DISCRIMINATION USING OLIGONUCLEOTIDES
; TITLE OF INVENTION: CONJUGATED TO MINOR GROOVE BINDERS
; NUMBER OF SEQUENCES: 40
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORRISON & FOERSTER
; STREET: 755 PAGE MILL ROAD
; CITY: PALO ALTO
; STATE: CA
; COUNTRY: USA
; ZIP: 94304-1018
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: Windows
; SOFTWARE: FastSeq for Windows Version 2.0b
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/054,832
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/415,370
; FILING DATE: 03-APR-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Brennan, Sean M
; REGISTRATION NUMBER: 39,917
; REFERENCE/DOCKET NUMBER: 34469-20004.20
; TELECOMMUNICATION INFORMATION:

```



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; TELEPHONE: 650-813-5600
; TELEFAX: 650-494-0792
; TELEX: 706141
; INFORMATION FOR SEQ ID NO: 37:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-054-832-37

Query Match          0.5%; Score 9.8; DB 1; Length 14;
Best Local Similarity 84.6%; Pred. No. 5.4e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 805 AACTGTAGAAAA 817
DB 13 AACAGTACAAAA 1

RESULT 826
US-09-580-794C-109
; Sequence 109, Application US/09580794C
; Patent No. 6331389
; GENERAL INFORMATION:
; APPLICANT: Stuyver, Lieven
; APPLICANT: Louwagie, Joost
; APPLICANT: Rossau, Rudi
; TITLE OF INVENTION: METHOD FOR DETECTION OF DRUG-INDUCED MUTATIONS IN THE REVERSE
; FILE REFERENCE: INNS008--2
; CURRENT APPLICATION NUMBER: US/09/580,794C
; PRIOR FILING DATE: 2000-05-30
; PRIOR APPLICATION NUMBER: 08/913,833 now US/6,087,093
; PRIOR FILING DATE: 1997-09-15
; PRIOR APPLICATION NUMBER: PCT/EP 97/00211
; PRIOR FILING DATE: 1997-01-17
; PRIOR APPLICATION NUMBER: EP 96870005.4
; PRIOR FILING DATE: 1996-01-26
; PRIOR APPLICATION NUMBER: EP 96870081.5
; PRIOR FILING DATE: 1996-06-25
; NUMBER OF SEQ ID NOS: 164
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 109
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Primer
US-09-580-794C-109

Query Match          0.5%; Score 9.8; DB 1; Length 14;
Best Local Similarity 84.6%; Pred. No. 5.4e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1213 GGGGCTGACCCCA 1225
DB 1 GGGACTGACCACA 13

RESULT 827
US-09-580-794C-112
; Sequence 112, Application US/09580794C
; Patent No. 6331389
; GENERAL INFORMATION:
; APPLICANT: Stuyver, Lieven
; APPLICANT: Louwagie, Joost
; APPLICANT: Rossau, Rudi
; TITLE OF INVENTION: METHOD FOR DETECTION OF DRUG-INDUCED MUTATIONS IN THE REVERSE
; FILE REFERENCE: INNS008--2
; CURRENT APPLICATION NUMBER: US/09/580,794C
; PRIOR FILING DATE: 2000-05-30

```

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; PRIOR APPLICATION NUMBER: 08/913,833 now US/6,087,093
; PRIOR FILING DATE: 1997-09-15
; PRIOR APPLICATION NUMBER: PCT/EP 97/00211
; PRIOR FILING DATE: 1997-01-17
; PRIOR APPLICATION NUMBER: EP 96870005.4
; PRIOR FILING DATE: 1996-01-26
; PRIOR APPLICATION NUMBER: EP 96870081.5
; PRIOR FILING DATE: 1996-06-25
; NUMBER OF SEQ ID NOS: 164
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 112
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Primer
US-09-580-794C-112

Query Match          0.5%; Score 9.8; DB 1; Length 14;
Best Local Similarity 84.6%; Pred. No. 5.4e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1213 GGGGCTGACCCCA 1225
DB 1 GGGGCTTACCACA 13

RESULT 828
US-09-580-794C-138
; Sequence 138, Application US/09580794C
; Patent No. 6331389
; GENERAL INFORMATION:
; APPLICANT: Stuyver, Lieven
; APPLICANT: Louwagie, Joost
; APPLICANT: Rossau, Rudi
; TITLE OF INVENTION: METHOD FOR DETECTION OF DRUG-INDUCED MUTATIONS IN THE REVERSE
; FILE REFERENCE: INNS008--2
; CURRENT APPLICATION NUMBER: US/09/580,794C
; PRIOR FILING DATE: 2000-05-30
; PRIOR APPLICATION NUMBER: 08/913,833 now US/6,087,093
; PRIOR FILING DATE: 1997-09-15
; PRIOR APPLICATION NUMBER: PCT/EP 97/00211
; PRIOR FILING DATE: 1997-01-17
; PRIOR APPLICATION NUMBER: EP 96870005.4
; PRIOR FILING DATE: 1996-01-26
; PRIOR APPLICATION NUMBER: EP 96870081.5
; PRIOR FILING DATE: 1996-06-25
; NUMBER OF SEQ ID NOS: 164
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 138
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Primer
US-09-580-794C-138

Query Match          0.5%; Score 9.8; DB 1; Length 14;
Best Local Similarity 84.6%; Pred. No. 5.4e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1213 GGGGCTGACCCCA 1225
DB 1 GGGACTGACCACA 13

RESULT 829
US-09-387-300-17
; Sequence 17, Application US/09387300
; Patent No. 6358685
; GENERAL INFORMATION:
; APPLICANT: Wetmur, James G

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;; APPLICANT: Quatrin, Robin S
;; APPLICANT: Engelhardt, Dean L
;; TITLE OF INVENTION: Branch Migration of Nucleotides
;; FILE REFERENCE: ENZ-49(P)(C) SEQUENCES
;; CURRENT APPLICATION NUMBER: US/09/387,300
;; CURRENT FILING DATE: 1999-08-31
;; EARLIER APPLICATION NUMBER: 08/480,000
;; EARLIER FILING DATE: 1995-06-07
;; NUMBER OF SEQ ID NOS: 39
;; SOFTWARE: PatentIn Ver. 2.0
;; SEQ ID NO 17
;; LENGTH: 14
;; TYPE: DNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: Description of Artificial Sequence: complement to
;; OTHER INFORMATION: PALA-D fragment
US-09-387-300-17

Query Match 0.5%; Score 9.8; DB 1; Length 14;
Best Local Similarity 84.6%; Pred. No. 5.4e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1036 GGAACTACTACTA 1048
Db 1 GTACTACTACTA 13

RESULT 830
US-08-666-341A-51/c
;; Sequence 51, Application US/08666341A
;; Patent No. 6365345
;; GENERAL INFORMATION:
;; APPLICANT:
;; TITLE OF INVENTION: Antisense nucleic Acids for the
;; TITLE OF INVENTION: Prevention and treatment of disorders in which expression
;; TITLE OF INVENTION: Of c-erbB plays a role
;; NUMBER OF SEQUENCES: 106
;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: Jacobson, Price, Holman and Stern, PLLC
;; STREET: 400 Seventh street, N.W.
;; CITY: Washington
;; STATE: D.C.
;; COUNTRY: USA
;; ZIP: 20004
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: Floppy disc
;; COMPUTER: IBM PC compatible
;; OPERATING SYSTEM: PC-DOS/MS-DOS
;; SOFTWARE: PatentIn Release #1.0, Version #1.25 (EPO)
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/08/666,341A
;; FILING DATE: 15-AUG-1996
;; CLASSIFICATION: 514
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: EP 93120710.4
;; INFORMATION FOR SEQ ID NO. 51:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 14 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: unknown
;; TOPOLOGY: unknown
;; MOLECULE TYPE: DNA (genomic)
;; ANTI-SENSE: YES
US-08-666-341A-51

Query Match 0.5%; Score 9.8; DB 1; Length 14;
Best Local Similarity 84.6%; Pred. No. 5.4e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 788 AGTGTGCTCCTG 800
Db 14 AGTGTGCAACTG 2

RESULT 831
US-08-829-558-7/c
;; Sequence 7, Application US/08829558
;; Patent No. 6432699
;; GENERAL INFORMATION:
;; APPLICANT: Meruelo, Daniel
;; APPLICANT: Ohno, Kouichi
;; TITLE OF INVENTION: VIRAL VECTORS COMPLEXES HAVING CHIMERIC
;; TITLE OF INVENTION: ENVELOPE PROTEIN CONTAINING THE IGG-BINDING DOMAIN OF PROTEIN
;; NUMBER OF SEQUENCES: 11
;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: Pennie & Edmonds
;; STREET: 1155 Avenue of the Americas
;; CITY: New York
;; STATE: NY
;; COUNTRY: USA
;; ZIP: 10036/2711
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: Diskette
;; COMPUTER: IBM Compatible
;; OPERATING SYSTEM: DOS
;; SOFTWARE: FastSeq Version 2.0
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/08/829,558
;; FILING DATE: 28-MAR-1997
;; CLASSIFICATION: 435
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Poissant, Brian M.
;; REGISTRATION NUMBER: 28,462
;; REFERENCE/DOCKET NUMBER: 8105-009
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: 212-790-9090
;; TELEFAX: 212-869-8864
;; TELEX: 66141 PENNIE
;; INFORMATION FOR SEQ ID NO: 7:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 14 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; MOLECULE TYPE: DNA
US-08-829-558-7

Query Match 0.5%; Score 9.8; DB 1; Length 14;
Best Local Similarity 84.6%; Pred. No. 5.4e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1285 AGCGCCGCAAGC 1297
Db 14 AGCGCGCAAAAGC 2

RESULT 832
US-08-535-249-29
;; Sequence 29, Application US/08535249
;; Patent No. 6455689
;; GENERAL INFORMATION:
;; APPLICANT: Schlengersiepen, Georg-Ferdinand
;; APPLICANT: Brysch, Wolfgang
;; APPLICANT: Schlengersiepen, Karl-Hermann
;; APPLICANT: Schlengersiepen, Reimar
;; APPLICANT: Bogdahn, Ulrich
;; TITLE OF INVENTION: Antisense-oligonucleotides for the treatment of
;; TITLE OF INVENTION: immuno-suppressive effect of transforming-growth-factor beta
;; NUMBER OF SEQUENCES: 137
;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: Jacobson, Price, Holman & Stern
;; STREET: 400 Seventh St. N.W.
;; CITY: Washington D.C.
;; COUNTRY: U.S.A.
;; ZIP: 20004

```

; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/535,249
; FILING DATE:
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP 93 107 089.0
; FILING DATE: 30-APR-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP 93 107 849.7
; FILING DATE: 13-MAY-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Player, William E.
; REGISTRATION NUMBER: 31,409
; REFERENCE/DOCKET NUMBER: 10577/P58418
; TELEPHONE: (202) 638-6666
; TELEFAX: (202) 393-5350
; TELEX: RCA 248593 IDEA UR
; INFORMATION FOR SEQ ID NO: 29:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: DNA (genomic)
; ANTI-SENSE: YES
; US-08-535-249-29

Query Match 0.5%; Score 9.8; DB 1; Length 14;
Best Local Similarity 84.6%; Pred. No. 5.4e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 928 TTATCCCTCCTCT 940
Db 2 TTATCCCTGCTGT 14

RESULT 833
US-08-535-249-117
; Sequence 117, Application US/08535249
; Patent No. 6455689
; GENERAL INFORMATION:
; APPLICANT: Schlingensiepen, Georg-Ferdinand
; APPLICANT: Brysch, Wolfgang
; APPLICANT: Schlingensiepen, Karl-Hermann
; APPLICANT: Schlingensiepen, Reimar
; APPLICANT: Bogdahn, Ulrich
; TITLE OF INVENTION: Antisense-oligonucleotides for the treatment of
; NUMBER OF SEQUENCES: 137
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Jacobson, Price, Holman & Stern
; STREET: 400 Seventh St. N.W.
; CITY: Washington D.C.
; COUNTRY: U.S.A.
; ZIP: 20004
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/535,249
; FILING DATE:
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP 93 107 089.0
; FILING DATE: 30-APR-1993
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/535,249
; FILING DATE:
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP 93 107 089.0
; FILING DATE: 30-APR-1993

```

```

; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP 93 107 849.7
; FILING DATE: 13-MAY-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Player, William E.
; REGISTRATION NUMBER: 31,409
; REFERENCE/DOCKET NUMBER: 10577/P58418
; TELEPHONE: (202) 638-6666
; TELEFAX: (202) 393-5350
; TELEX: RCA 248593 IDEA UR
; INFORMATION FOR SEQ ID NO: 117:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: DNA (genomic)
; ANTI-SENSE: YES
; US-08-535-249-117

Query Match 0.5%; Score 9.8; DB 1; Length 14;
Best Local Similarity 84.6%; Pred. No. 5.4e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1121 CCAGTTCACCTT 1133
Db 1 CCATTCCACCT 13

RESULT 834
US-08-535-249-126
; Sequence 126, Application US/08535249
; Patent No. 6455689
; GENERAL INFORMATION:
; APPLICANT: Schlingensiepen, Georg-Ferdinand
; APPLICANT: Brysch, Wolfgang
; APPLICANT: Schlingensiepen, Karl-Hermann
; APPLICANT: Schlingensiepen, Reimar
; APPLICANT: Bogdahn, Ulrich
; TITLE OF INVENTION: Antisense-oligonucleotides for the treatment of
; NUMBER OF SEQUENCES: 137
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Jacobson, Price, Holman & Stern
; STREET: 400 Seventh St. N.W.
; CITY: Washington D.C.
; COUNTRY: U.S.A.
; ZIP: 20004
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/535,249
; FILING DATE:
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP 93 107 089.0
; FILING DATE: 30-APR-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP 93 107 849.7
; FILING DATE: 13-MAY-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Player, William E.
; REGISTRATION NUMBER: 31,409
; REFERENCE/DOCKET NUMBER: 10577/P58418
; TELEPHONE: (202) 638-6666
; TELEFAX: (202) 393-5350
; TELEX: RCA 248593 IDEA UR
; INFORMATION FOR SEQ ID NO: 126:

```

```

; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: DNA (genomic)
; ANTI-SENSE: YES
US-08-535-249-126

Query Match 0.5%; Score 9.8; DB 1; Length 14;
Best Local Similarity 84.6%; Pred. No. 5.4e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 728 GCCAGGAGAAACA 740
Db 2 GCAAGGAGAGCA 14

RESULT 835
US-09-640-953-37/c
; Sequence 37, Application US/09640953
; Patent No. 6492346
; GENERAL INFORMATION:
; APPLICANT: Meyer, Rich
; TITLE OF INVENTION: IMPROVED HYBRIDIZATION AND
; MISMATCH DISCRIMINATION USING OLIGONUCLEOTIDES
; CONJUGATED TO MINOR GROOVE BINDERS
; NUMBER OF SEQUENCES: 40
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORRISON & FOERSTER
; STREET: 755 PAGE MILL ROAD
; CITY: PALO ALTO
; STATE: CA
; COUNTRY: USA
; ZIP: 94304-1018
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: Windows
; SOFTWARE: FastSeq for Windows Version 2.0b
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/640,953
; FILING DATE: 16-AUG-2000
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/054,832
; FILING DATE: 03-APR-1998
; APPLICATION NUMBER: 08/415,370
; FILING DATE: 03-APR-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Brennan, Sean M
; REGISTRATION NUMBER: 39,917
; REFERENCE/DOCKET NUMBER: 34469-20004.20
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 650-813-5600
; TELEFAX: 650-494-0792
; TELEX: 706141
; INFORMATION FOR SEQ ID NO: 37:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 37:
US-09-640-953-37

Query Match 0.5%; Score 9.8; DB 1; Length 14;
Best Local Similarity 84.6%; Pred. No. 5.4e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 805 AACTGTAGAAAA 817
Db 13 AACAGTAACAAAA 1

; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: DNA (genomic)
; ANTI-SENSE: YES
US-08-535-249-126

Query Match 0.5%; Score 9.8; DB 1; Length 14;
Best Local Similarity 84.6%; Pred. No. 5.4e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 728 GCCAGGAGAAACA 740
Db 2 GCAAGGAGAGCA 14

RESULT 836
US-09-612-555-2
; Sequence 2, Application US/09612555
; Patent No. 6528257
; GENERAL INFORMATION:
; APPLICANT: Sharma, Vishva M
; APPLICANT: Ganesan, Kaliannan
; TITLE OF INVENTION: A Method for the Simultaneous Monitoring of Individual
; TITLE OF INVENTION: Mutants in Mixed Populations
; FILE REFERENCE: Method for Simultaneous Monitoring
; CURRENT APPLICATION NUMBER: US/09/612,555
; CURRENT FILING DATE: 2000-07-07
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 2
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Tag1 adapters
US-09-612-555-2

Query Match 0.5%; Score 9.8; DB 1; Length 14;
Best Local Similarity 84.6%; Pred. No. 5.4e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 867 CACTGAGGACTCA 879
Db 1 CGCTCAGGACTCA 13

RESULT 837
US-09-922-445-5/c
; Sequence 5, Application US/09922445
; Patent No. 6528268
; GENERAL INFORMATION:
; APPLICANT: Andersson, Maria K.
; APPLICANT: Berglund, Lars G. T.
; APPLICANT: Reneland, Rikard H.
; APPLICANT: Adam, Gail I. R.
; TITLE OF INVENTION: REAGENTS AND METHODS FOR DETECTION OF HEART FAILURE
; FILE REFERENCE: GG126US
; CURRENT APPLICATION NUMBER: US/09/922,445
; CURRENT FILING DATE: 2001-08-03
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 5
; LENGTH: 14
; TYPE: DNA
; ORGANISM: synthetic
US-09-922-445-5

Query Match 0.5%; Score 9.8; DB 1; Length 14;
Best Local Similarity 84.6%; Pred. No. 5.4e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1065 CCCAGCTTCAGT 1077
Db 13 CCCAGGCTCAGT 1

RESULT 838
US-09-922-445-40
; Sequence 40, Application US/09922445
; Patent No. 6528268
; GENERAL INFORMATION:
; APPLICANT: Andersson, Maria K.
; APPLICANT: Berglund, Lars G. T.
; APPLICANT: Reneland, Rikard H.
; APPLICANT: Adam, Gail I. R.
; TITLE OF INVENTION: REAGENTS AND METHODS FOR DETECTION OF HEART FAILURE
; FILE REFERENCE: GG126US

```

US-09-230-652-53

Query Match 0.5%; Score 9.8; DB 1; Length 14;
Best Local Similarity 84.6%; Pred. No. 5.4e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1177 GCGGCTCCCGCA 1189
DB 13 GCGGACCCGCA 1

RESULT 841

US-09-808-457-10/c

Sequence 10, Application US/09808457

Patent No. 6608038

GENERAL INFORMATION:

APPLICANT: Boettcher, Brian

APPLICANT: Caplan, Shari

APPLICANT: Kaleko, Michael

APPLICANT: Connolly, Sheila

APPLICANT: Desai, Urvi

APPLICANT: Slosberg, Eric

TITLE OF INVENTION: Methods and Compositions For Treatment

TITLE OF INVENTION: of Diabetes and Related Conditions Via Gene Therapy

FILE REFERENCE: 4-31353A/USN

CURRENT APPLICATION NUMBER: US/09/808,457

CURRENT FILING DATE: 2001-03-14

PRIOR APPLICATION NUMBER: 60/XXX,XXX

PRIOR FILING DATE: 2000-03-15

NUMBER OF SEQ ID NOS: 10

SOFTWARE: FastSeq for Windows Version 4.0

SEQ ID NO 10

LENGTH: 14

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Oligonucleotide Primer

US-09-808-457-10

Query Match 0.5%; Score 9.8; DB 1; Length 14;
Best Local Similarity 84.6%; Pred. No. 5.4e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1244 CCTCGACCCCAT 1256
DB 14 CCACCCACCCAT 2

RESULT 842

US-09-401-063-1805

Sequence 1805, Application US/09401063

Patent No. 6623962

GENERAL INFORMATION:

APPLICANT: Akhtar, Saghir

APPLICANT: Fell, Patricia

APPLICANT: McSwiggen, James

TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT

TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED

TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH

TITLE OF INVENTION: FACTOR RECEPTORS

NUMBER OF SEQUENCES: 1877

CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon

STREET: 633 West Fifth Street

STREET: Suite 4700

CITY: Los Angeles

STATE: California

COUNTRY: U.S.A.

US-09-230-652-53/c

Query Match 0.5%; Score 9.8; DB 1; Length 14;
Best Local Similarity 84.6%; Pred. No. 5.4e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 845 CCCAGATTGAGAA 857
DB 14 CCCAGTTGAGAA 2

RESULT 840

US-09-230-652-53/c

Sequence 53, Application US/09230652A

Patent No. 653775

GENERAL INFORMATION:

APPLICANT: Tournier-Lasserre, Elisabeth

APPLICANT: Joutel, Anne

APPLICANT: Bousser, Marie-Germaine

APPLICANT: Bach, Jean-Francois

TITLE OF INVENTION: GENE INVOLVED IN CADASIL, METHOD OF DIAGNOSIS AND

TITLE OF INVENTION: THERAPEUTIC APPLICATION

FILE REFERENCE: 03715.0048-00000

CURRENT APPLICATION NUMBER: US/09/230.652A

CURRENT FILING DATE: 1999-05-17

EARLIER APPLICATION NUMBER: FR 96 09733

EARLIER FILING DATE: 1996-08-01

EARLIER APPLICATION NUMBER: FR 97 04680

EARLIER FILING DATE: 1997-04-16

EARLIER APPLICATION NUMBER: PCT/FR97/01433

EARLIER FILING DATE: 1997-07-31

NUMBER OF SEQ ID NOS: 163

SOFTWARE: PatentIn Ver. 2.1

SEQ ID NO 53

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ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq for Windows 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/401,063
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/985,162
FILING DATE: 04 December 1997
APPLICATION NUMBER: 60/036,476
FILING DATE: 31 January 1997
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 230/107
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1805:
SEQUENCE CHARACTERISTICS:
LENGTH: 14 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-401-063-1805

Query Match          0.5%; Score 9.8; DB 1; Length 14;
Best Local Similarity 76.9%; Pred. No. 5.4e+02;
Matches 10; Conservative 1; Mismatches 2; Indels 0; Gaps 0;
```

```
QY 754 ACCTGCCATGCAG 766
Db 2 ACCUGCCGCGCAG 14
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RESULT 843
US-09-401-063-1805/c
Sequence 1805, Application US/09401063
Patent No. 6623962
GENERAL INFORMATION:
APPLICANT: Akhtar, Saghir
APPLICANT: Fell, Patricia
APPLICANT: McSwiggen, James
TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT
TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
NUMBER OF SEQUENCES: 1877
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Suite 4700
STATE: Los Angeles
CITY: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq for Windows 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/401,063
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
```

```
APPLICATION NUMBER: 08/985,162
FILING DATE: 04 December 1997
APPLICATION NUMBER: 60/036,476
FILING DATE: 31 January 1997
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 230/107
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1805:
SEQUENCE CHARACTERISTICS:
LENGTH: 14 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-401-063-1805

Query Match          0.5%; Score 9.8; DB 1; Length 14;
Best Local Similarity 84.6%; Pred. No. 5.4e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
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QY 756 CTGCCATGCAGT 768
Db 14 CTGCCGCGCAGT 2
```

```
RESULT 844
US-09-401-063-1834
Sequence 1834, Application US/09401063
Patent No. 6623962
GENERAL INFORMATION:
APPLICANT: Akhtar, Saghir
APPLICANT: Fell, Patricia
APPLICANT: McSwiggen, James
TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT
TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
NUMBER OF SEQUENCES: 1877
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Suite 4700
STATE: Los Angeles
CITY: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq for Windows 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/401,063
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/985,162
FILING DATE: 04 December 1997
APPLICATION NUMBER: 60/036,476
FILING DATE: 31 January 1997
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 230/107
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
```

; INFORMATION FOR SEQ ID NO: 1834:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-401-063-1834

Query Match 0.5%; Score 9.8; DB 1; Length 14;
Best Local Similarity 76.9%; Pred. No. 5.4e+02;
Matches 10; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 876 CTCAGGCACCACA 888
Db 2 CUCAGACCCACACA 14

RESULT 845
US-09-401-063-1845
; Sequence 1845, Application US/09401063
; Patent No. 6623962
; GENERAL INFORMATION:
; APPLICANT: Akhtar, Saghir
; APPLICANT: Fell, Patricia
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
; TITLE OF INVENTION: FACTOR RECEPTORS
; NUMBER OF SEQUENCES: 1877
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/401,063
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/985,162
; FILING DATE: 04 December 1997
; APPLICATION NUMBER: 60/036,476
; FILING DATE: 31 January 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 230/107
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1845:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-401-063-1845

Query Match 0.5%; Score 9.8; DB 1; Length 14;
Best Local Similarity 76.9%; Pred. No. 5.4e+02;
Matches 10; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 1007 CGACACCTGAAA 1019
Db 1 CCACAGCUGAAAA 13

RESULT 846
US-09-874-601-7
; Sequence 7, Application US/09874601
; Patent No. 6632057
; GENERAL INFORMATION:
; APPLICANT: LEWIN, ALFRED S.
; APPLICANT: SHAW, LYNN C.
; APPLICANT: GRANT, MARIA B.
; TITLE OF INVENTION: ADENO-ASSOCIATED VIRUS-DELIVERED RIBOZYME COMPOSITIONS AND METHO
; TITLE OF INVENTION: THE TREATMENT OF RETINAL DISEASES
; FILE REFERENCE: 4300.014100
; CURRENT APPLICATION NUMBER: US/09/874,601
; CURRENT FILING DATE: 2001-05-01
; PRIOR APPLICATION NUMBER: 09/063,667
; PRIOR FILING DATE: 1998-04-21
; PRIOR APPLICATION NUMBER: 60/046,147
; PRIOR FILING DATE: 1997-05-09
; PRIOR APPLICATION NUMBER: 60/044,492
; PRIOR FILING DATE: 1997-04-21
; NUMBER OF SEQ ID NOS: 182
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 7
; LENGTH: 14
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: ()..()
; OTHER INFORMATION: SYNTHETIC OLIGONUCLEOTIDE
US-09-874-601-7

Query Match 0.5%; Score 9.8; DB 1; Length 14;
Best Local Similarity 69.2%; Pred. No. 5.4e+02;
Matches 9; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 1545 GCTGGGCTGCCTG 1557
Db 1 GCUGGGCUUCGG 13

RESULT 847
US-09-874-601-9
; Sequence 9, Application US/09874601
; Patent No. 6632057
; GENERAL INFORMATION:
; APPLICANT: LEWIN, ALFRED S.
; APPLICANT: SHAW, LYNN C.
; APPLICANT: GRANT, MARIA B.
; TITLE OF INVENTION: ADENO-ASSOCIATED VIRUS-DELIVERED RIBOZYME COMPOSITIONS AND METHO
; TITLE OF INVENTION: THE TREATMENT OF RETINAL DISEASES
; FILE REFERENCE: 4300.014100
; CURRENT APPLICATION NUMBER: US/09/874,601
; CURRENT FILING DATE: 2001-05-01
; PRIOR APPLICATION NUMBER: 09/063,667
; PRIOR FILING DATE: 1998-04-21
; PRIOR APPLICATION NUMBER: 60/046,147
; PRIOR FILING DATE: 1997-05-09
; PRIOR APPLICATION NUMBER: 60/044,492
; PRIOR FILING DATE: 1997-04-21
; NUMBER OF SEQ ID NOS: 182
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 9
; LENGTH: 14
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: ()..()
US-09-874-601-9

OTHER INFORMATION: SYNTHETIC OLIGONUCLEOTIDE
US-09-874-601-9

Query Match 0.5%; Score 9.8; DB 1; Length 14;
Best Local Similarity 76.9%; Pred. No. 5.4e+02;
Matches 10; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 1193 AGTGGCACCACC 1205
|||||
Db 1 AGGUGGCUACACC 13

RESULT 848

US-09-874-601-10
; Sequence 10, Application US/09874601
; Patent No. 6632057
; GENERAL INFORMATION:
; APPLICANT: LEWIN, ALFRED S.
; APPLICANT: SHAW, LYNN C.
; APPLICANT: GRANT, MARIA B.
; TITLE OF INVENTION: ADENO-ASSOCIATED VIRUS-DELIVERED RIBOZYME COMPOSITIONS AND METHOD
; FILE OF INVENTION: THE TREATMENT OF RETINAL DISEASES
; FILE REFERENCE: 4300.014100
; CURRENT APPLICATION NUMBER: US/09/874,601
; CURRENT FILING DATE: 2001-05-01
; PRIOR APPLICATION NUMBER: 09/063,667
; PRIOR FILING DATE: 1998-04-21
; PRIOR APPLICATION NUMBER: 60/046,147
; PRIOR FILING DATE: 1997-05-09
; PRIOR APPLICATION NUMBER: 60/044,492
; PRIOR FILING DATE: 1997-04-21
; NUMBER OF SEQ ID NOS: 182
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 10
; LENGTH: 14
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: ().()
; OTHER INFORMATION: SYNTHETIC OLIGONUCLEOTIDE
US-09-874-601-10

Query Match 0.5%; Score 9.8; DB 1; Length 14;
Best Local Similarity 76.9%; Pred. No. 5.4e+02;
Matches 10; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 877 TCAGGCACCACAG 889
:|||||
Db 2 UCUGGCCCCACAG 14

RESULT 849

US-09-874-601-109
; Sequence 109, Application US/09874601
; Patent No. 6632057
; GENERAL INFORMATION:
; APPLICANT: LEWIN, ALFRED S.
; APPLICANT: SHAW, LYNN C.
; APPLICANT: GRANT, MARIA B.
; TITLE OF INVENTION: ADENO-ASSOCIATED VIRUS-DELIVERED RIBOZYME COMPOSITIONS AND METHOD
; FILE OF INVENTION: THE TREATMENT OF RETINAL DISEASES
; FILE REFERENCE: 4300.014100
; CURRENT APPLICATION NUMBER: US/09/874,601
; CURRENT FILING DATE: 2001-05-01
; PRIOR APPLICATION NUMBER: 09/063,667
; PRIOR FILING DATE: 1998-04-21
; PRIOR APPLICATION NUMBER: 60/046,147
; PRIOR FILING DATE: 1997-05-09
; PRIOR APPLICATION NUMBER: 60/044,492
; PRIOR FILING DATE: 1997-04-21
; NUMBER OF SEQ ID NOS: 182
; SOFTWARE: PatentIn version 3.0

SEQ ID NO 109
; LENGTH: 14
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: ().()
; OTHER INFORMATION: SYNTHETIC OLIGONUCLEOTIDE
US-09-874-601-109

Query Match 0.5%; Score 9.8; DB 1; Length 14;
Best Local Similarity 76.9%; Pred. No. 5.4e+02;
Matches 10; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 1195 CCGCAGAGGTG 1197
|||||
Db 1 CAGCAGAGAGUG 13

RESULT 850

US-09-874-601-110/c
; Sequence 110, Application US/09874601
; Patent No. 6632057
; GENERAL INFORMATION:
; APPLICANT: LEWIN, ALFRED S.
; APPLICANT: SHAW, LYNN C.
; APPLICANT: GRANT, MARIA B.
; TITLE OF INVENTION: ADENO-ASSOCIATED VIRUS-DELIVERED RIBOZYME COMPOSITIONS AND METHC
; FILE OF INVENTION: THE TREATMENT OF RETINAL DISEASES
; FILE REFERENCE: 4300.014100
; CURRENT APPLICATION NUMBER: US/09/874,601
; CURRENT FILING DATE: 2001-05-01
; PRIOR APPLICATION NUMBER: 09/063,667
; PRIOR FILING DATE: 1998-04-21
; PRIOR APPLICATION NUMBER: 60/046,147
; PRIOR FILING DATE: 1997-05-09
; PRIOR APPLICATION NUMBER: 60/044,492
; PRIOR FILING DATE: 1997-04-21
; NUMBER OF SEQ ID NOS: 182
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 110
; LENGTH: 14
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: ().()
; OTHER INFORMATION: SYNTHETIC OLIGONUCLEOTIDE
US-09-874-601-110

Query Match 0.5%; Score 9.8; DB 1; Length 14;
Best Local Similarity 84.6%; Pred. No. 5.4e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 922 TGCCTTTTATCCC 934
|||||
Db 14 TGCCTTCCTTCCC 2

RESULT 851

US-09-874-601-111/c
; Sequence 111, Application US/09874601
; Patent No. 6632057
; GENERAL INFORMATION:
; APPLICANT: LEWIN, ALFRED S.
; APPLICANT: SHAW, LYNN C.
; APPLICANT: GRANT, MARIA B.
; TITLE OF INVENTION: ADENO-ASSOCIATED VIRUS-DELIVERED RIBOZYME COMPOSITIONS AND METHC
; FILE OF INVENTION: THE TREATMENT OF RETINAL DISEASES
; FILE REFERENCE: 4300.014100
; CURRENT APPLICATION NUMBER: US/09/874,601
; CURRENT FILING DATE: 2001-05-01
; PRIOR APPLICATION NUMBER: 09/063,667

;; PRIOR FILING DATE: 1998-04-21
;; PRIOR APPLICATION NUMBER: 60/046,147
;; PRIOR FILING DATE: 1997-05-09
;; PRIOR APPLICATION NUMBER: 60/044,492
;; PRIOR FILING DATE: 1997-04-21
;; NUMBER OF SEQ ID NOS: 182
;; SOFTWARE: PatentIn version 3.0
;; SEQ ID NO 111
;; LENGTH: 14
;; TYPE: RNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; NAME/KEY: misc_feature
;; LOCATION: (..)()
;; OTHER INFORMATION: SYNTHETIC OLIGONUCLEOTIDE
US-09-874-601-111

Query Match 0.5%; Score 9.8; DB 1; Length 14;
Best Local Similarity 84.6%; Pred. No. 5.4e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 922 TGCCCTTTATCCC 934
Db 14 TGCCCTTTATCCC 2

RESULT 852
PCT-US92-06685-2
; Sequence 2, Application PC/TUS9206685
; GENERAL INFORMATION:
; APPLICANT: Sytkowski, Arthur J.
; TITLE OF INVENTION: A METHOD OF INDUCING HEMOGLOBIN
; TITLE OF INVENTION: SYNTHESIS IN RED BLOOD CELLS
; NUMBER OF SEQUENCES: 4
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C.
; STREET: Two Militia Drive
; CITY: Lexington
; STATE: MA
; COUNTRY: USA
; ZIP: 02713

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US92/06685
FILING DATE: 19920810
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/748,867
FILING DATE: 09-AUG-1991
ATTORNEY/AGENT INFORMATION:
NAME: Granahan, Patricia
REGISTRATION NUMBER: 32,227
REFERENCE/DOCKET NUMBER: NEPH91-05A
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-861-6240
TELEFAX: 617-861-9540
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 14 base pairs
TYPE: NUCLEIC ACID
STRANDEDNESS: single
TOPOLOGY: linear

Query Match 0.5%; Score 9.8; DB 1; Length 14;
Best Local Similarity 84.6%; Pred. No. 5.4e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 856 AATGTTAAGGCA 868

Db 1 AACGTTGAGGCA 13

RESULT 853
PCT-US95-06379-15/c
; Sequence 15, Application PC/TUS9506379
; GENERAL INFORMATION:
; APPLICANT: Watanabe, Kyoichi A.
; APPLICANT: Ren, Wu-Yun
; APPLICANT: Weil, Roger
; TITLE OF INVENTION: Complementary DNA and Toxins
; NUMBER OF SEQUENCES: 43
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Cooper & Dunham LLP
; STREET: 1185 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10036

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch 1.44Mb
COMPUTER: IBM PC
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.24
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/06379
FILING DATE: May 13, 1994
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: White, John P.
REGISTRATION NUMBER: 28,678
REFERENCE/DOCKET NUMBER: 44683-PCT
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-278-0400
TELEFAX: 212-391-0526
INFORMATION FOR SEQ ID NO: 15:
SEQUENCE CHARACTERISTICS:
LENGTH: 14 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
PCT-US95-06379-15

Query Match 0.5%; Score 9.8; DB 1; Length 14;
Best Local Similarity 84.6%; Pred. No. 5.4e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 919 CTTTGCCCTTTAT 931
Db 13 CTTTGCCCTTTAT 1

RESULT 854
PCT-US95-10721-6
; Sequence 6, Application PC/TUS9510721
; GENERAL INFORMATION:
; APPLICANT: University of Massachusetts
; APPLICANT: Medical Center
; TITLE OF INVENTION: OLIGORIBONUCLEOTIDE ASSAY FOR
; TITLE OF INVENTION: NOVEL ANTIBIOTICS
; NUMBER OF SEQUENCES: 14
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson P.C.
; STREET: 225 Franklin Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: U.S.A.
; ZIP: 02110-2804
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
COMPUTER: IBM PS/2 Model 50Z or 55SX

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; OPERATING SYSTEM: MS-DOS (Version 5.0)
; SOFTWARE: WordPerfect (Version 5.1)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/10721
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/294,450
; FILING DATE: August 23, 1994
; ATTORNEY/AGENT INFORMATION:
; NAME: J. Peter Fasse
; REGISTRATION NUMBER: 32,983
; REFERENCE/DOCKET NUMBER: 04020/047WO1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 542-5070
; TELEFAX: (617) 542-8906
; TELEX: 200154
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; PCT-US95-10721-6

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Query Match      0.5%; Score 9.8; DB 1; Length 14;
Best Local Similarity 61.5%; Pred. No. 5.4e+02;
Matches 8; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 1104 GGGCTTCAGTCCC 1116
DB 2 GGACUUGGCGCC 14

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RESULT 855

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PCT-US95-16904-2/c
; Sequence 2, Application PC/TUS9516904
; GENERAL INFORMATION:
; APPLICANT: Georgetown University
; TITLE OF INVENTION: Fluorometric Assay For Detecting Nucleic
; TITLE OF INVENTION: Acid Cleavage
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Sterne, Kessler, Goldstein & Fox P.L.L.C.
; STREET: 1100 New York Avenue, Suite 600
; CITY: Washington
; STATE: D.C.
; COUNTRY: U.S.
; ZIP: 20005
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/16904
; FILING DATE: 27-DEC-1995
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/365,473
; FILING DATE: 30-DEC-1994
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Samuel L. Fox
; REGISTRATION NUMBER: 30,353
; REFERENCE/DOCKET NUMBER: 0654.063PC00
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 371-2600
; TELEFAX: (202) 371-2540
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid

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; STRANDEDNESS: both
; TOPOLOGY: both
; MOLECULE TYPE:
; PCT-US95-16904-2

Query Match      0.5%; Score 9.8; DB 1; Length 14;
Best Local Similarity 84.6%; Pred. No. 5.4e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1145 CCACCTATACCCC 1157
DB 13 CCACCTAGGCCCC 1

Search completed: March 1, 2004, 15:29:29
Job time : 20 secs

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